
 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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FORWARDING LETTER

M/s _____



Sub: IFB No. CPI0101P19 for Mechanical Construction Works for GGS, East Khagorijan, Dibrugarh, Assam.

Dear Sirs,

1. OIL INDIA LIMITED (OIL), a “Navaratna” Category, Government of India Enterprise, [here in after referred also as ‘**Company**’ is a premier Oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.
2. OIL INDIA LIMITED proposes to construct an Oil Collecting Station (OCS) at Nadua and a Group Gathering Station (GGS) at East Khagorijan in Upper Assam. The installations are to be constructed on Modular basis with standard sizes of modules as per Design Basis, Scope of Work and Functional specifications.
3. In this connection, OIL invites National Competitive Bids (NCB) from competent and experienced Bidders through OIL’s e-procurement site for Mechanical Construction Works for OCS, Nadua in Dibrugarh district, Assam. One complete set of Bid Document covering OIL’s IFB for Mechanical Construction Works for GGS, East Khagorijan is uploaded in OIL’s e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL’s e-procurement portal. For your ready reference, few salient points of the IFB (covered in detail in the Bid Document) are highlighted below:

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1.	IFB No./E-Tender No.	:	CPI0101P19
2.	Type of Bidding	:	National Competitive Bidding (NCB) under Single Stage 2-Bid System
3.	Last day for online registration in OIL's e-tender portal (for new vendors)	:	11/01/2019
4.	Last day for clarification regarding eligibility for Bid Security/ EMD exemption/waiver (for MSE vendors)	:	11/01/2019
5.	Bid Closing Date &Time	:	18/01/2019 at 11:00 Hrs. (IST)
6.	Technical Bid Opening Date & Time	:	18/01/2019 at 14.00 Hours (IST)
7.	Priced Bid Opening Date & Time	:	To be intimated to the Technically & Commercially acceptable bidders at a later date.
8.	Bid Submission Mode	:	E-tendering through OIL's e- tender Portal.
9.	Bid Opening Place	:	<u>Office of CGM-Projects</u> <u>Projects Department,</u> <u>Oil India Limited, Duliajan -786602,</u> <u>Assam, India.</u>
10.	Bid Validity	:	120 days from the Bid Closing date
11.	Completion Period	:	Twelve Months (12) from the Date of Letter of Award (LOA).
12.	Bid Security Value	:	INR 55,49,000
13.	Bid Security Validity	:	150 days from the Bid Closing date
14.	Original Bid Security to be submitted	:	GM(Projects-C&P), PROJECTS DEPARTMENT, OIL INDIA LIMITED, DULIAJAN, ASSAM-786 602, INDIA
15.	Original authenticated documents to be submitted by bidder towards meeting the Bid Qualifying Criteria	:	GM(Projects-C&P), PROJECTS DEPARTMENT, OIL INDIA LIMITED, DULIAJAN, ASSAM-786 602, INDIA
16.	Amount of Performance Security	:	For Successful Completion & covering the Defect Liability Period: 10% of the total annualized Contract Value.

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17.	Validity of Performance Security	:	Up to 3 months from date of completion of Contract
18.	Duration of the Contract	:	Twelve Months (12) from the Date of Letter of Award (LOA).
19.	Quantum of Liquidated Damage for Default in Timely completion	:	Refer to Clause No. 54.0 of Part-I, Introduction to Bidders and General Terms and Conditions
20.	Integrity Pact	:	Must be digitally signed & uploaded along with the Techno-commercial Un-priced Bid.
21.	Bids to be addressed to	:	GM(Projects-C&P), PROJECTS DEPARTMENT, OIL INDIA LIMITED, DULIAJAN, ASSAM-786 602, INDIA
22.	Date of receipt of Queries	:	11/01/2019/16/2018 30 Hrs. (IST) 15.30 Hrs. (IST)

4. INTEGRITY PACT

The Integrity Pact must be uploaded in OIL's E-procurement portal along with the Technical Bid digitally signed by the same signatory who signed the Bid i.e. who is duly authorized to sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who signs the Bid. (Enclosed in Annexure- B)

5. GUIDELINES FOR PARTICIPATING IN OIL'S E-PROCUREMENT

- 5.1 To participate in OIL's E-procurement tender, bidders should have a legally valid digital certificate of Class 3 with Organization's Name and Encryption Certificate as per Indian IT Act from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India (<http://www.cca.gov.in>). Digital Signature Certificates having "Organization Name" field as "Personal" are not acceptable.
- 5.2 Digital Certificate comes in a pair of Signing/verification and Encryption/Decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on e-Tendering the DSC token should be connected to your system.
- 5.3 Encryption certificate is mandatorily required for submission of bid. In case bidder created response with one certificate (using encryption key) and bidder change his Digital Signature Certificate then old certificate [Used for encryption] is required in order to decrypt his encrypted response for getting the EDIT mode of the response.

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Once decryption is done, bidder may use new DSC certificate for uploading and submission of their offer. It is the sole responsibility of the bidder to keep their DSC certificate properly.

In case of loss of the certificate, Oil India Limited (OIL) is not responsible.

- 5.4 Bidders must have a valid User ID to access OIL's e-Procurement site for submission of bid. New vendor shall obtain User ID & password through online vendor registration system in e-portal. Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, bidder may visit the OIL's E-tender site <https://etender.srm.oilindia.in/irj/portal>. For any clarification in this regard, bidders may contact E-Tender Support Cell at Duliajan at erp_mm@oilindia.in, Ph.: 0374- 2807178/4903.
- 5.5 Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the bidder. In the event of late registration/incomplete registration by bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.
- 5.6 MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.
- 5.7 For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regards and request for bid closing date extension on that plea shall not be entertained by Company.

6. CONSULTANT

OIL has appointed M/s. Kavin Engineering and Services Private Limited, Coimbatore (KAVIN) as their EPCM Consultant for implementation of the project. OIL has also authorized the Consultant to enter into correspondence with bidders and obtain clarification/confirmation, if any, with respect to this Tender. Communications to

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Consultant shall be addressed to e-mail: satish.madhavan@kavinengg.com



7. QUERIES/CLARIFICATIONS ON THE TENDER

The prospective bidders shall submit their queries/clarifications against the tender through **e-mail** addressed to satish.madhavan@kavinengg.com with a copy to Oil India Limited, Duliajan, Assam-786602 (shantanukr_gogoi@oilindia.in) on or before 11.01.2019 (15.30 Hrs. IST).

8. IMPORTANT NOTES

Bidders shall take note of the following important points while participating in OIL's e-procurement tender:

- i) **BIDDERS ON HOLIDAY LIST:** The bidders who are on Holiday list of OIL on due date of submission of bid/during the process of evaluation of the bids, the offers of such bidders shall not be considered for bid opening/evaluation/award. If the bidding documents were issued inadvertently/downloaded from website, the offers submitted by such bidders shall also not be considered for bid opening/evaluation/Award of Work.
- ii) **BACKING OUT BY BIDDER:** In case any bidder withdraws their bid within the bid validity period, Bid Security will be forfeited and the party will be put on Holiday list as per the Banning Policy (available in OIL's website) of Company.
- iii) **BACKING OUT BY L-1 BIDDER AFTER ISSUE OF LOA:** In case LOA issued is not accepted by the L1 bidder or the Performance Security is not submitted as per the terms of the contract within the time specified in the Bid Document, the Bid Security shall be forfeited and the bidder shall be dealt as per the Banning Policy (available in OIL's website) of Company.
- iv) **FURNISHING FRAUDULENT INFORMATION/DOCUMENT:** The information and documents furnished by the bidder/contractor in respect of the subject tender/contract are accepted to be true and genuine. However, if it is detected during technical scrutiny or after award of the contract or after expiry of the contract, that the bidder had submitted any fake/fraudulent document or furnished false statement, the offer/contract shall be rejected/cancelled, as the case may be and the bidder (if fake document/false statement pertains to such bidder) shall be dealt as per the Banning Policy (available in OIL's website) of Company.
- v) **ERRING/DEFAULTING AGENCIES:** Erring and defaulting agencies like bidder, contractor, supplier, vendor, service provider will be dealt as per OIL's Banning Policy dated 6th January, 2017 available in OIL's website: www.oil-india.com.

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vi) Bid should be submitted online in OIL's e-Procurement site up to 11.00 Hrs. (IST) (Server Time) on the date as mentioned and will be opened on the same day at 14.00 Hrs. (IST) (Server Time) at the Office of the CGM-Contracts, Duliajan in presence of the authorized representatives of the bidders.

vii) The authenticity of digital signature shall be verified through authorized CA after bid opening. The digital signature used for signing the bid shall be of "Class -3" with Organizations name, failing which the bid will be rejected.



viii) The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidders shall submit both the "TECHNICAL" and "PRICED" bids through electronic form in the OIL's e-Procurement portal within the Bid Closing Date and Time stipulated in the e-Tender portal. The Technical Bid should be submitted as per Terms of Reference & Technical Specifications along with all technical documents related to the tender and uploaded in **"Technical Attachments" Tab only**.

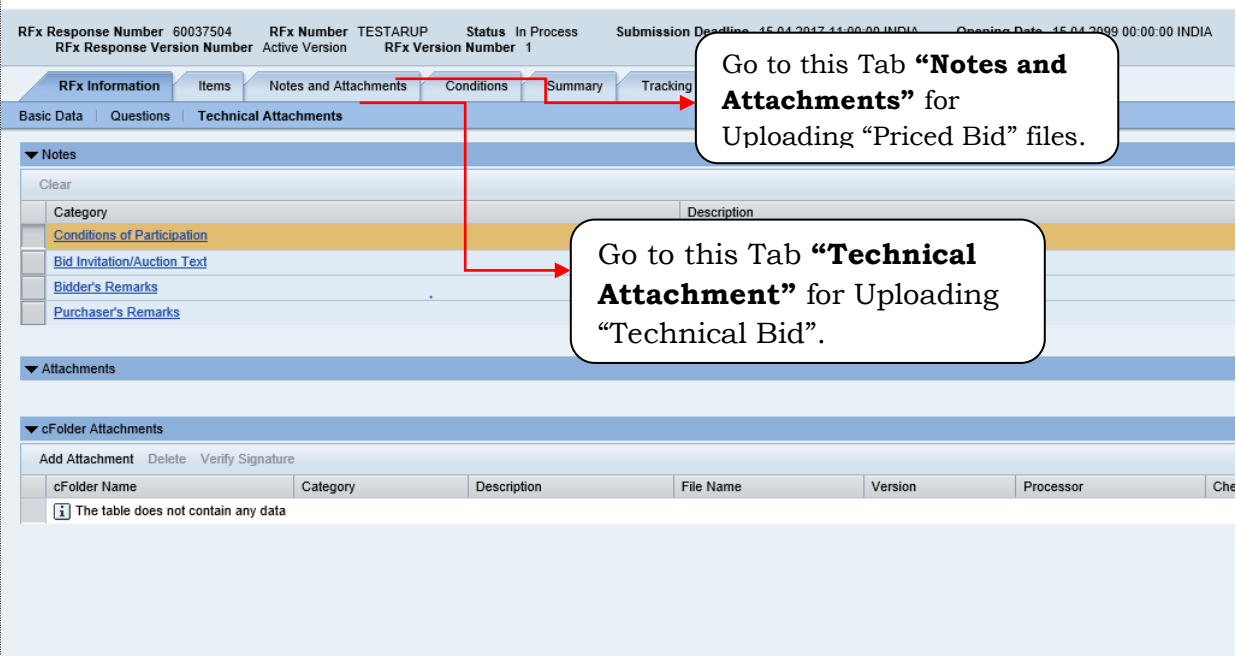
Bidders to note that no price details should be uploaded in "Technical Attachments" Tab Page. Details of prices as per Price Bid format/Priced bid to be uploaded under "Notes & Attachments" tab. A screen shot in this regard is shown below. Offer not complying with above submission procedure will be rejected as per Bid Evaluation Criteria.

ix) The bid along with all supporting documents must be submitted through OIL's e-Procurement site only except the following documents which shall be submitted manually by the bidder in duplicate in a sealed envelope super scribed with OIL's IFB No./E-Tender No., Bid Closing Date and marked as "Original Bid Security/Catalogue and Literature/ Power of Attorney" etc. as the case may be and addressed to GM(C&P)-Projects Department, Oil India Limited, Duliajan, Assam-786602, India.

- a. Original Bid Security
- b. Power of Attorney for signing the bid.

The above documents including the Original bid security must be received at GM(C&P)-Projects Office, Projects Department, Oil India Limited, Duliajan, Assam-786602, India on or before 13.00 Hrs. (IST) on the technical bid closing date failing which the bid shall be rejected. A scanned copy of the Bid Security shall also be uploaded by the bidder along with their Technical Bid in OIL's E-procurement site.

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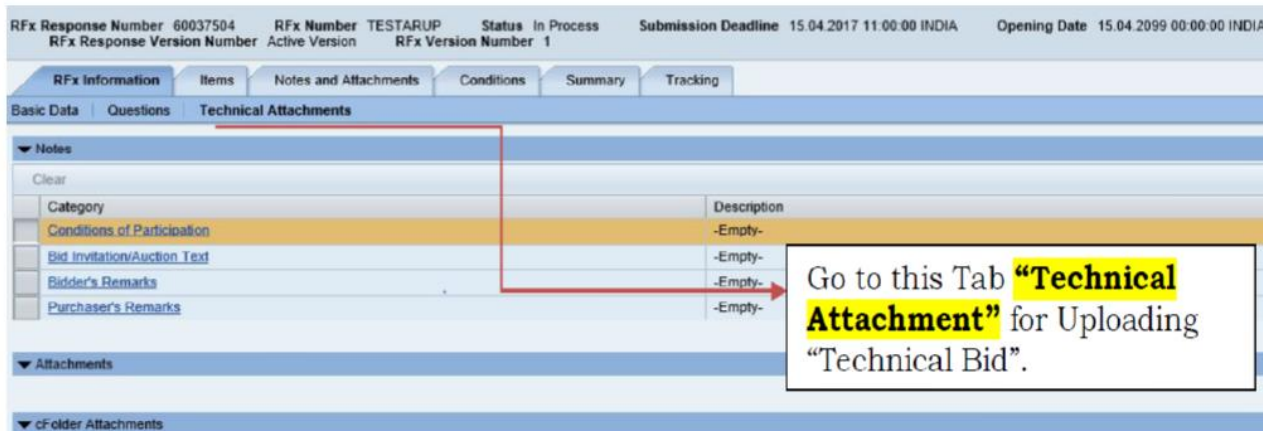


On “EDIT” Mode- The following screen will appear. Bidders are advised to upload “Technical Bid” and “Priced Bid” in the places as indicated above:

Note

- 1) The “Technical Bid” shall contain all techno-commercial details except the prices.
- 2) The “Priced bid” must contain the price schedule and the bidder’s commercial terms and conditions, if any. For uploading Priced Bid, click on “Add Attachment”, a browser window will open, select the file from the PC and name the file under “Description”, Assigned to “General Data” and click on “OK” to digitally sign and upload the File. Please click on “Save” Button of the Response to Save the uploaded files.

- a) Uploading of Technical Bid: Technical files are to be added under “RFx Information” > “Technical Attachments”



RFx Response Number 60037504 RFx Number TESTARUP Status In Process Submission Deadline 15.04.2017 11:00:00 INDIA Opening Date 15.04.2019 00:00:00 INDIA

RFx Response Version Number Active Version RFx Version Number 1

RFx Information Items Notes and Attachments Conditions Summary Tracking

Basic Data Questions Technical Attachments

Notes

Clear

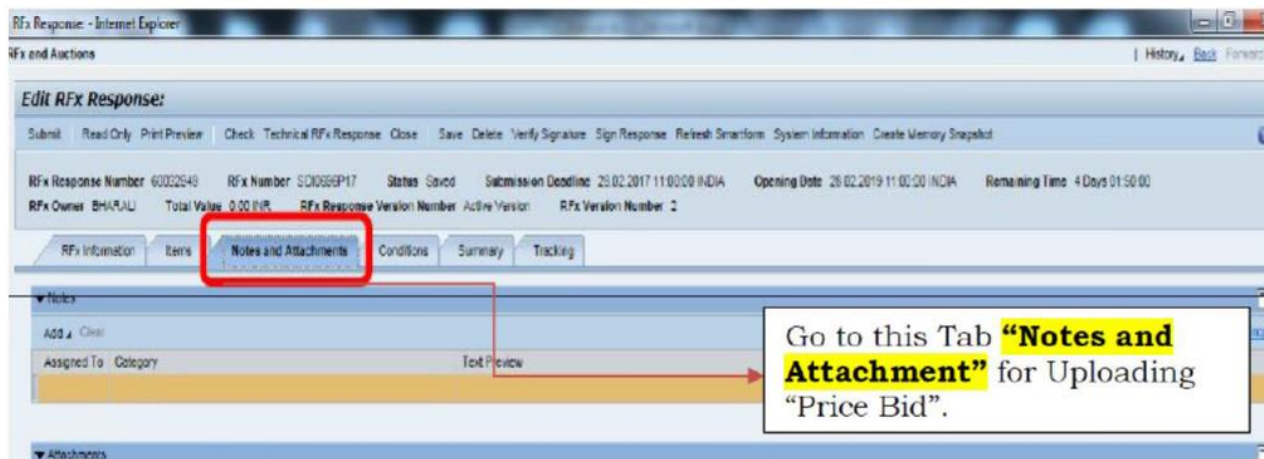
Category	Description
Conditions of Participation	-Empty-
Bid Invitation/Auction Text	-Empty-
Bidder's Remarks	-Empty-
Purchaser's Remarks	-Empty-

Attachments

cf-older Attachments

Go to this Tab **“Technical Attachment”** for Uploading “Technical Bid”.

- b) Uploading of Price Bid



RFx Response - Internet Explorer

RFx and Auctions

Edit RFx Response:

Submit Read Only Print Preview Check Technical RFx Response Close Save Delete Verify Signature Sign Response Refresh SmartForm System Information Create Memory Snapshot

RFx Response Number 60032648 RFx Number SC0056P17 Status Saved Submission Deadline 26.02.2017 11:00:00 INDIA Opening Date 26.02.2019 11:00:00 INDIA Remaining Time 4 Days 01:50:00

RFx Owner BHARAJ Total Value 0.00 INR RFx Response Version Number Active Version RFx Version Number 2

RFx Information Items Notes and Attachments Conditions Summary Tracking

Notes

Add Clear

Assigned To	Category	Text Preview

Attachments

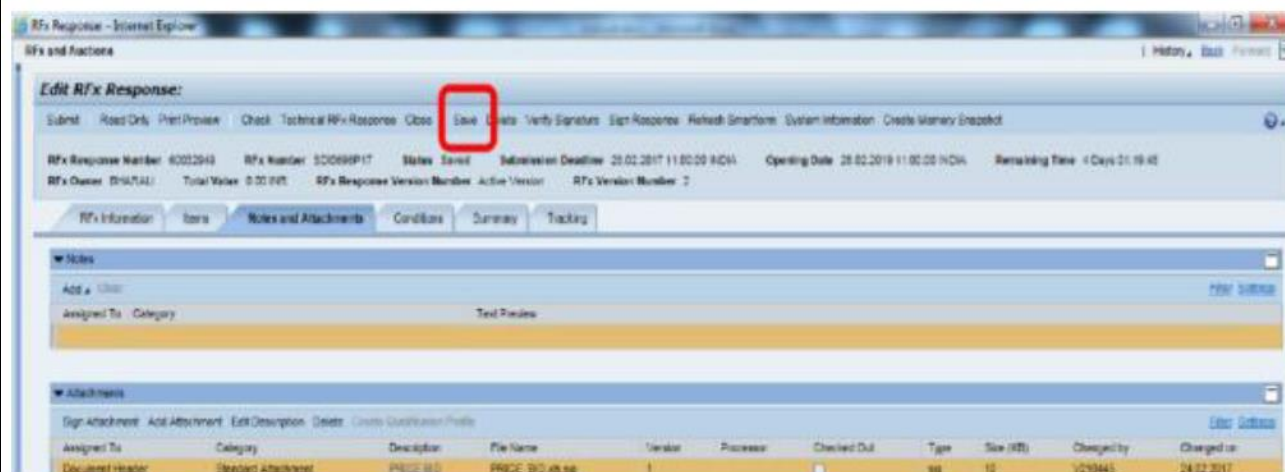
Go to this Tab **“Notes and Attachment”** for Uploading “Price Bid”.

CONSTRUCTION SERVICE CONTRACT (CSC-4)

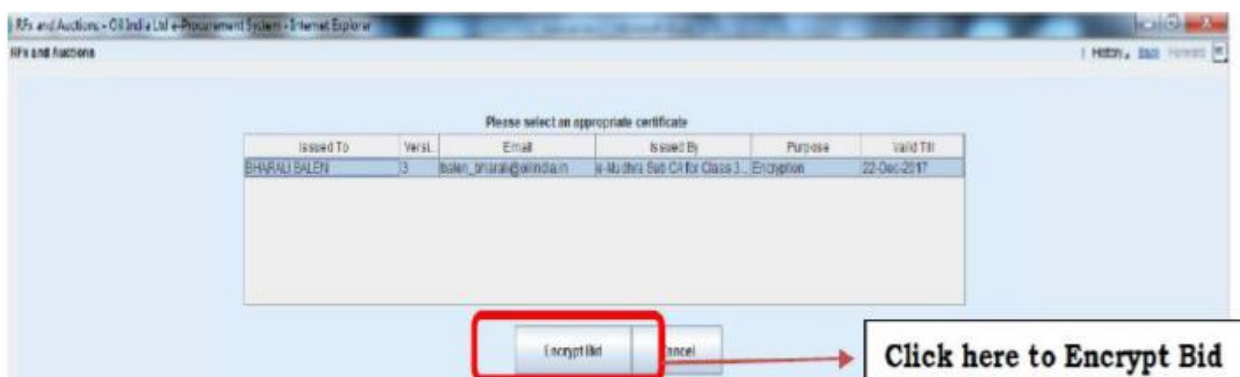
Mechanical Construction Works for GGS, East Khagorijan

IFB No. CPI0101P19

- c) After Uploading of Price bid Click 'Save'. Once saved, the Data will be encrypted & the Encryption Certificate will be in use.



- d) Encrypt Bid.



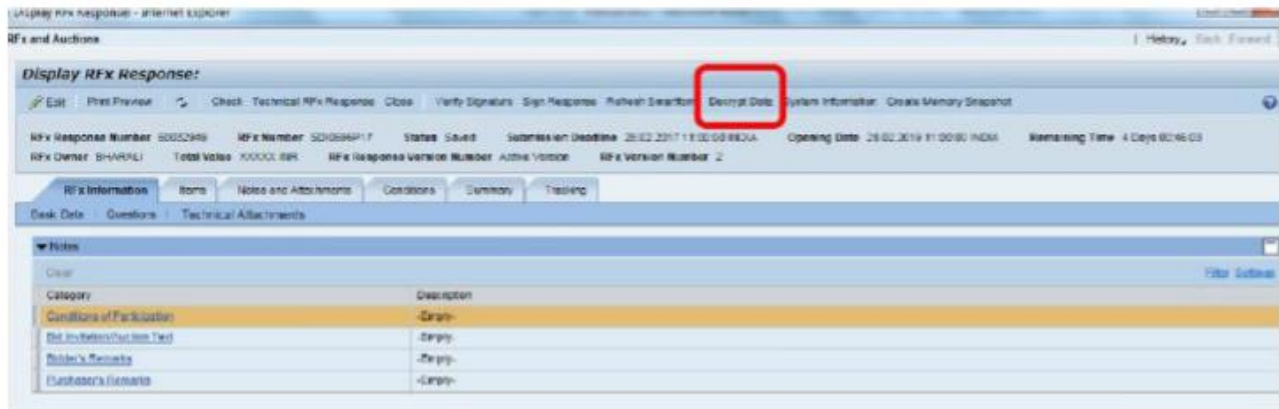
Issued To	Verst	Email	Issued By	Purpose	Valid Till
BHARALI SALEN	3	bolen_bharali@oilindia.in	g-Muthu Sub CA for Class 3...	Encryption	22-Dec-2017

CONSTRUCTION SERVICE CONTRACT (CSC-4)

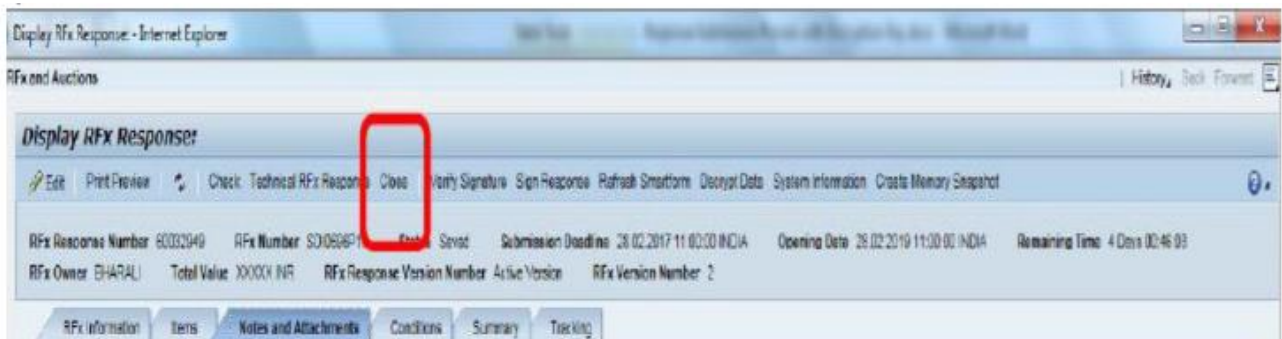
Mechanical Construction Works for GGS, East Khagorijan

IFB No. CPI0101P19

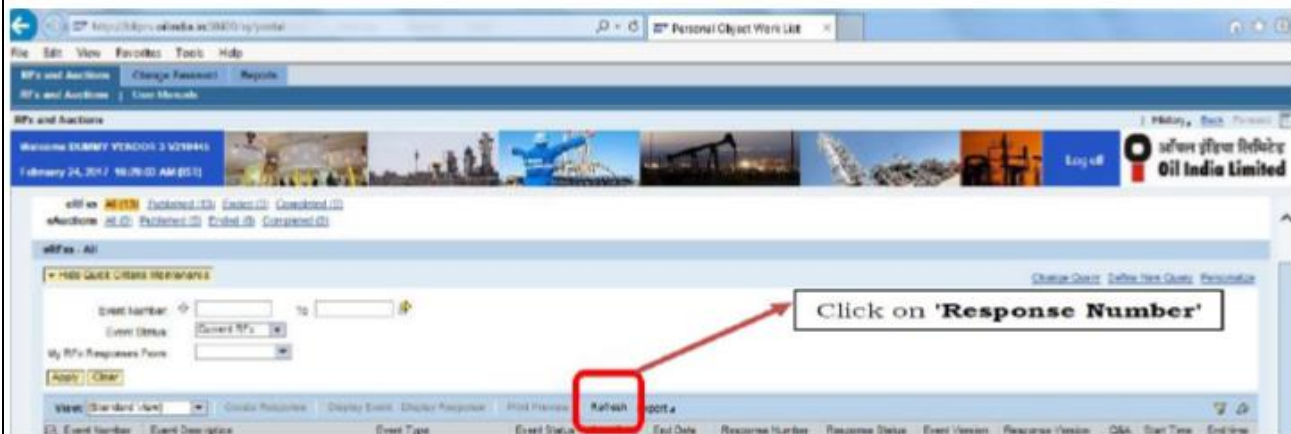
e) The Encrypted Data will be displayed only when click 'Decrypt data'



f) Click on 'Close'



g) Click on 'Refresh'. Then Click on 'Response No.'



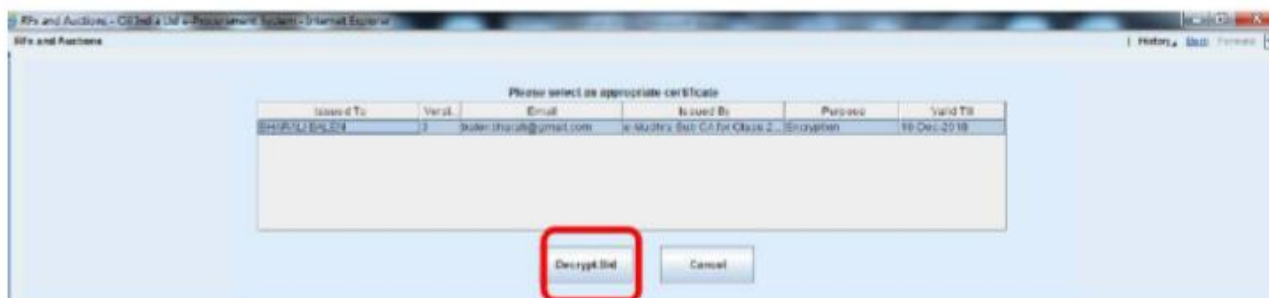
CONSTRUCTION SERVICE CONTRACT (CSC-4)

Mechanical Construction Works for GGS, East Khagorijan

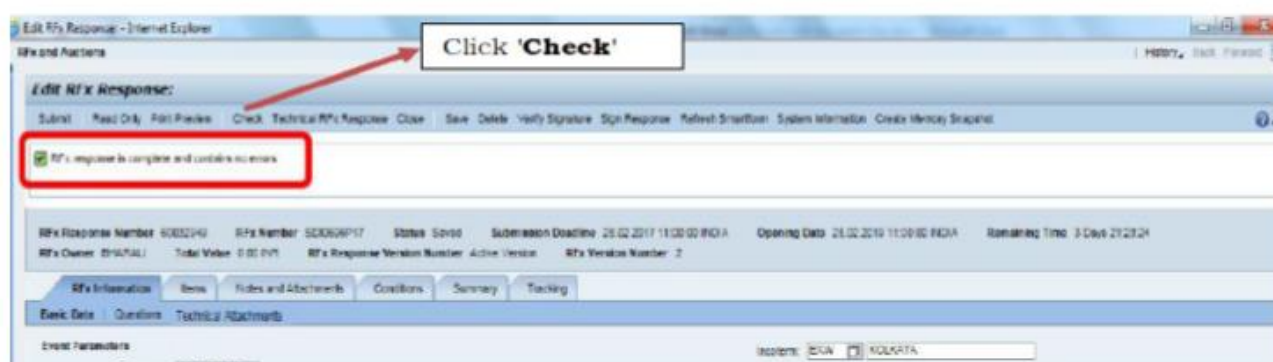
IFB No. CPI0101P19

Now uploading part is complete. Bidders are requested to go to the initial screen. It is always better to come to the first screen and refresh the page and then going in into the response for the submission process.

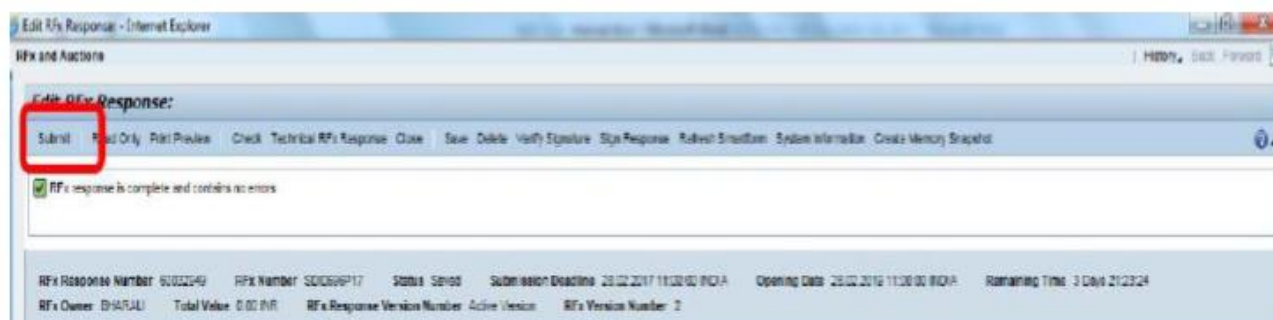
- h) On 'Edit' mode Click to select the same Encryption certificate used for Decryption else data will not Decrypt.



- i) After Entering User pin, Click 'Check'. Bidder may submit the response in case there is no error.



- j) Click on “Submit” button

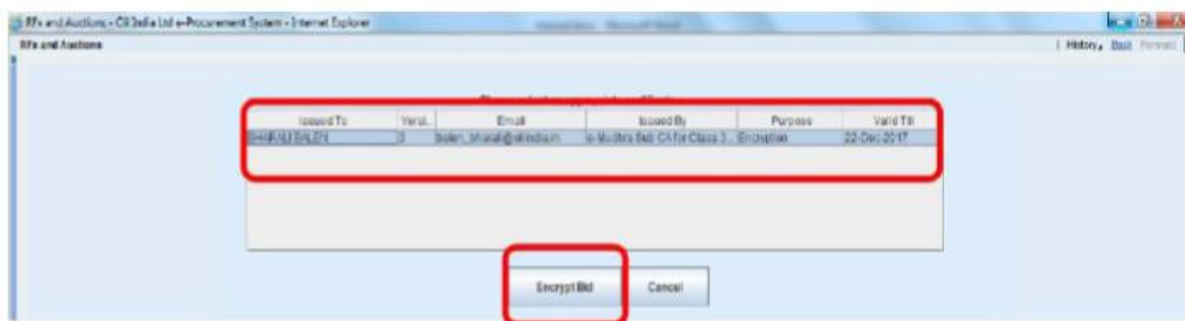


Before submit, please do check all the documents uploaded and on-line data maintained are correct.

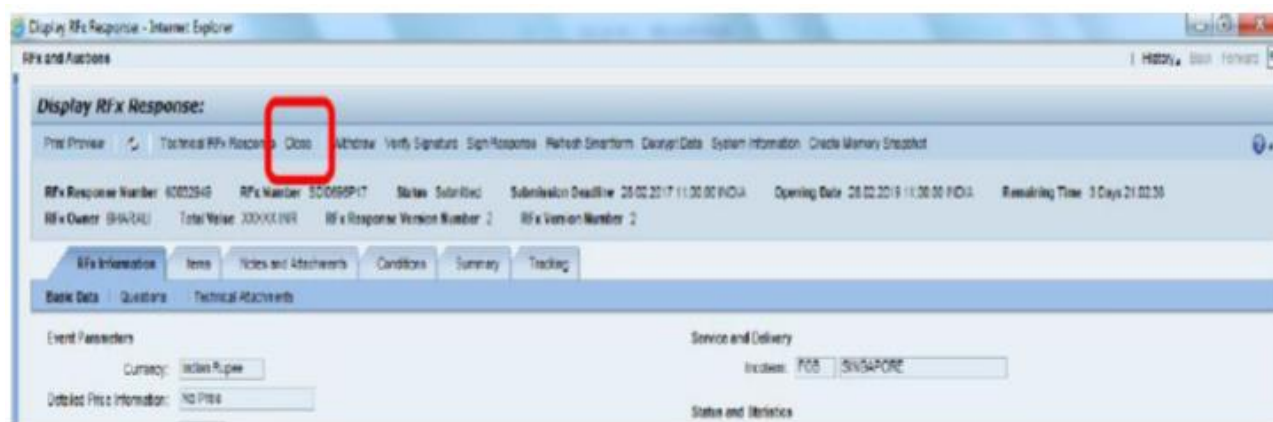
k) After Clicking “Submit” below pop up will open. Select Digital Signature & “Sign”



- 1) After Signing the response has to be encrypted again. Select the encryption certificate and “Encrypt Bid”.

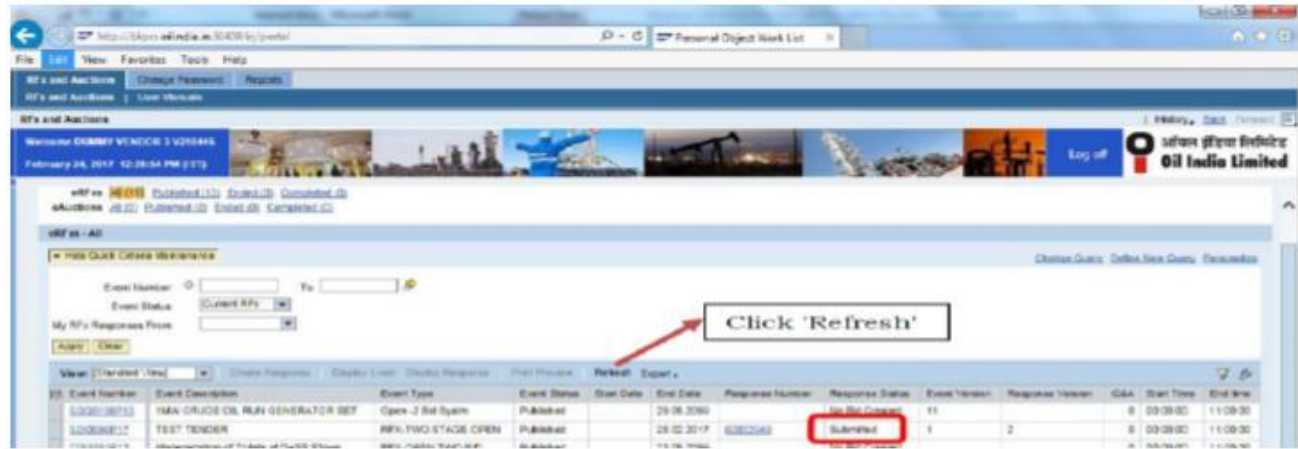


m) Click “Close”.



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n) Click on “Refresh”. The status of Response must be “Submitted”.





This is the end of Response submission with Encryption key process.

9. OIL now looks forward to your active participation in the IFB.

Thanking you,

Yours faithfully,



OIL INDIA LIMITED
Sr. Officer (Projects-C&P)
For CHIEF GENERAL MANAGER(Projects)
For RESIDENT CHIEF EXECUTIVE

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VOLUME I: COMMERCIAL PART 1

INSTRUCTIONS TO BIDDERS (ITB) AND GENERAL TERMS & CONDITIONS



M/s. Kavin Engineering and Services Private Limited (KAVIN) herein after “the Consultant” on behalf of Oil India Limited (OIL) herein after “the Company/Owner” wishes to receive bids as described in the Bidding Documents.

1. SCOPE OF BID

- 1.1 The scope of Bid shall be as defined in the Terms of Reference and Specifications issued as part of Bidding Document.
- 1.2 The successful bidder shall be expected to fulfill the requirements of Scope of Bid within the contractual period stated in bidding document
- 1.3 Throughout this Bidding Documents, the term “Bid” and “Tender” and their derivatives (“Bidder/Tenderer”, “Bid/Tendered/Tender”, “Bidding/Tendering”, etc.) are synonymous, and day means calendar day. Singular shall also mean plural and vice versa.

2. ELIGIBILITY TO BID

- 2.1 Eligible bidder means, a bidder meeting the Bidder Qualification Criteria (BQC) as per the bidding document.
 - 2.1.1 Pursuant to qualification criteria specified in Bidding Document, the bidder, along with his bid, shall furnish all necessary supporting documentary evidence to establish the Bidder claim of meeting qualification criteria.
 - 2.1.2 The documentary evidence of the bidder’s qualifications to perform the contract if their bid are accepted, shall establish to the Owner’s/Consultant’s satisfaction that, the bidder has the financial and technical capacity necessary to perform the contract.
- 2.2 Consortium, Un-incorporated JVs etc. can not bid
- 2.3 A bidder shall not be affiliated with a firm or entity
 - 2.3.1 That has provided consulting services related to the project during the preparatory stages of the works or of the project of which the works form a part, or
 - 2.3.2 That has been hired by the Owner as Engineer/Consultant for the contract.
- 2.4 Bidder should not be under Liquidation, Court Receivership or similar proceedings. In case bidder is under Liquidation, court receivership or similar proceedings, the offer submitted by such bidder shall be rejected. Bidder shall submit a self-declaration on their letter head in this regard.
- 2.5 The bidder should not be on Holiday/Negative list of OWNER on due date of submission of bid. If the documents were issued inadvertently/downloaded from website, offers submitted by such bidders shall not be considered for opening/evaluation/award.
- 2.6 If the Bidder is placed on Holiday/Negative list of OWNER after opening of unpriced bids but before opening of price bids, further evaluation of bid of such bidders shall be stopped and the corresponding price bid will not be opened.

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3. MULTIPLE/ALTERNATIVE BIDS

- 3.1. A bidder (i.e., the bidding entity) shall, on no account submit more than one bid either directly (as a single bidder) or indirectly (as a sub-contractor) failing which following actions shall be initiated:
- 3.1.1. All bids submitted by such bidder (say 'A') as a single bidder or as a consortium, shall stand rejected and BID SECURITY, if any, in case of all such bids submitted by bidder 'A' shall be forfeited.
- 3.1.2. If another bidder (say 'B') has proposed bidder 'A' as a sub-contractor then bidder 'B's bid shall also be rejected. However, in case the bidder 'B' has also proposed an alternative sub-contractor who is other than the bidder 'A', then bidder 'B's bid shall be evaluated with the proposed alternative sub-contractor only. Hence, every bidder shall ensure in his own interest that his proposed sub-contractor is not submitting alternative/multiple bids.
Note: However, in case KAVIN has proposed a list of sub-contractors/sub-vendors in the bidding document itself which shall be common for all the bidders, the provision at (b) above shall not be applicable as long as only the sub-contractors/sub-vendors are common in case of various bidders.
- 3.2. Alternative priced bids are not acceptable. A bidder who submits alternative bids will cause all alternative bids to be disqualified.

4. TRANSFERABILITY OF BID DOCUMENTS



- 4.1 Bid Documents are non-transferable. Bid can be submitted only in the name of the bidder in whose name the Bid Document has been issued.
- 4.2 Unsolicited bids will not be considered and will be rejected straightway

5. AMENDMENT OF BID DOCUMENTS

- 5.1 At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Documents through issuance of an Addendum.
- 5.2 The Addendum will be uploaded in OIL's E-Tender Portal in the Tab "Technical Rfx" and under External Area-"Amendments" folder. The Company may, at its discretion, extend the deadline for bid submission. Bidders are expected to take the Addendum into account in preparation and submission of their bid. Bidders are to check from time to time the E-Tender portal ["Technical RFX" Tab and under the folder "Amendments"] for any amendments to the bid documents before submission of their bids. No separate intimation shall be sent to the Bidders.

6. LANGUAGE OF BID

- 6.1 The Bid prepared by the bidder, all correspondence/drawings and documents relating to the bid exchanged by the bidder with the Owner/Consultant shall be in English language only. If the supporting documents are not in English language, then the English translation copy of the same shall also be furnished duly certified from any one of the following :
- a) Official of Indian Embassy/High Commission/Consulate General situated in the country where language has been translated.

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b) Official of Embassy/High Commission/Consulate General of the country where language has been translated, in India.

6.2 In case any printed literature furnished by the bidder in another language and is accompanied by an English translation, in which case, for the purpose of interpretation of the bid, the English translation shall govern.

7. INTENTION TO BID

Within 5 days of downloading bidding document, bidder shall confirm his intention to bid by mail

8. BIDFORM

The bidder shall complete the Bid Form as per Proforma B.

9. BID PRICES

9.1. Prices must be quoted by the Bidders online

9.2. as per the price bid format available in OIL's e-tender portal under "Notes & Attachment" Tab. Prices must be quoted by the bidders as per the Pricing schedule SOR/P.

9.3. Prices shall be furnished strictly in the appropriate Price Schedule format(s) enclosed with the Bidding Document. Quoted prices shall be net of discount, if any. Conditional discounts, if offered by a bidder, shall not be considered for evaluation.

9.4. Price quoted by the bidder, shall remain firm & fixed until completion of the contract and will not be subject to any variation, except as otherwise specifically provided in the Bidding Documents. Bidder's prices shall also remain firm and fixed on account of foreign exchange variation unless otherwise any specific provision is indicated in bidding document.



9.5. The bidder shall quote the prices after careful analysis of cost involved for the performance of complete work considering all parts of the Bidding Documents. In case, any activity though specifically not covered but is required to complete the work as per scope of work, scope of supply, specifications, standards, drawings, bidding document including its commercial section, SCC or any other part of Bidding Document, the prices quoted shall be deemed to be inclusive of cost incurred for such activity.

9.6. Bidders shall indicate the following in their offer:

9.6.1. Ex Works price of packages including packing, forwarding and insurance; such price to include engineering, fabrication /manufacturing of package, all costs as well as duties and taxes paid or payable on components and raw materials incorporated or to be incorporated in the goods, etc

9.6.2. The quoted price shall be deemed to be inclusive of all taxes and duties except "Goods and Services Tax" (hereinafter called GST) (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and GST compensation Cess if applicable)

9.6.3. Item wise/Lumpsum Transportation Charges (as per Price Schedule) up to respective project site exclusive of GST (Goods & Service Tax)

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9.6.4. Bidder shall indicate the following separately:

9.6.4.1. Built in CIF value of import for raw material and components incorporated or to be incorporated in the goods and included in quoted price. The bidder shall provide description of such material, quantity, rate, value etc.

9.6.5. Site work Prices, if applicable as per Bid Documents for the scope of work mentioned in Bidding Documents inclusive of all taxes & duties but exclusive of GST (Goods & Service Tax). All necessary registration, if required for carrying out the site activities shall be done by the bidder and cost towards the same shall be included in quoted site work prices.

10. BID SECURITY

10.1. The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant forfeiture of the Bid Security, pursuant to sub-clause 10.8.

10.2. All the bids must be accompanied by Bid Security in Original for the amount as mentioned in the "Forwarding Letter" or an equivalent amount in other freely convertible currency and shall be in the OIL's prescribed format as Bank Guarantee (BG) enclosed with the NIT vide Proforma-E or a Bank Draft/Bankers' cheque in favour of OIL and payable at Duliajan, Assam from any of the following Banks –

- a) Any schedule Indian Bank or Any Branch of an International Bank situated in India and registered with Reserve Bank of India as scheduled foreign
- b) **Note:** Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-scheduled Bank of India shall not be acceptable.

The bank Guarantee issued by the Bank must be routed through SFMS Platform as per following details:

- (i) MT 760/MT 760 COV for issuance of Bank Guarantee
- (ii) MT 760/MT 767 COV for amendment of Bank Guarantee

The above Message/Intimation shall be sent through SFMS by the BG issuing Bank Branch to Axis Bank, Duliajan Branch, IFS Code- UTIB0001129.



Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District: Dibrugarh, PIN: 786602"

Bidders are to submit the copy of SFMS Message as sent by the issuing Bank Branch along with the original Bank Guarantee.

The Bank Guarantee shall be valid for the time as asked for in the Bid Document. Bank Guarantees issued by Banks in India should be on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker.

10.3. Bidders can submit Bid Security on-line through OIL's electronic Payment Gateway.

10.4. The bidders shall extend the validity of the Bid Security suitably, if and when specifically advised by OIL, at the bidder's cost.

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10.5. Unsuccessful Bidder's Bid Security will be discharged and/or returned within 30 days after finalization of IFB.

10.6. Successful Bidder's Bid Security will be discharged and/or returned upon Bidder's furnishing the Performance Security and signing of the contract. Successful bidder will however ensure validity of the Bid Security till such time the Performance Security in conformity with Clause 34 below is furnished.

10.7. Bid Security shall not accrue any interest during its period of validity or extended validity.

10.8. The Bid Security may be forfeited:

- i) If the bidder withdraws the bid within its original/extended validity.
- ii) If the bidder modifies/revise their bid suo-moto.
- iii) If the bidder does not accept the order/contract.
- iv) If the bidder does not furnish Performance Security Deposit within the stipulated time as per tender/order/contract.
- v) If it is established that the bidder has submitted fraudulent documents or has indulged into corrupt and fraudulent practice, the bid security shall be forfeited after due process in addition to other action against the bidder. In case any bidder withdraws their bid during the period of bid validity, Bid Security will be forfeited and the party shall be debarred for a period of 2(two) years.

10.9. The scanned copy of the original Bid Security in the form of either Bank Guarantee or LC or Banker's Cheque or Bank Draft must be uploaded by bidder along with the Technical bid in the "Technical Attachment" tab of OIL's e-portal. The original Bid Security shall be submitted by bidder to the office of GM(Projects-C&P), Oil India Ltd., Duliajan-786602 (Assam), India, in a sealed envelope which must reach GM(Projects-C&P)'s office on or before 12.45 Hrs (IST) on the Bid Closing date.



10.10. A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

11. EXEMPTION FROM SUBMISSION OF BID SECURITY

11.1. Central Govt. offices and Central Public Sector undertakings are exempted from submitting Bid Security.

11.2. If the bidder is a Micro or Small Enterprises (MSE) registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME, then they are also exempted from submitting Bid Security. Bidding MSEs shall have to submit a Copy of valid Registration Certificate clearly indicating the monetary limit, if any and the items/Services for which bidder are registered with any of the aforesaid agencies.

In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur,

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valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur should also be enclosed.

12. PERIOD OF VALIDITY OF BIDS

- 12.1 Bids shall remain valid for 120 days from the date of closing of bid prescribed by the Company. Bids of shorter validity will be rejected as being non-responsive. If nothing is mentioned by the bidder in their bid about the bid validity, it will be presumed that the bid is valid for 120 days from Bid Closing Date.
- 12.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing through Fax or e-mail. The Bid Security provided under Para 11.0 above shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request will neither be required nor permitted to modify their Bid.

13. SIGNING OF BIDS



- 13.1 Bids are to be submitted online through OIL's e-tender portal with digital signature. The bid and all attached documents should be digitally signed by the bidder using "Class 3" digital certificates with Organization's Name [e-commerce application (Certificate with personal verification and Organisation Name)] and Encryption Certificate as per Indian IT Act 2000 obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India before bid is uploaded. Digital Signature Certificates having "Organization Name" field other than Bidder's Name are not acceptable. Digital Signature Certificates having Bidder's Name in the "Organization Name" field are only acceptable.

The bid including all uploaded documents shall be digitally signed by duly authorized representative of the bidder holding a Power of Attorney to bind the Bidder to the contract.

If any modifications are made to a document after attaching digital signature, the digital signature shall again be attached to such documents before uploading the same. The Power of Attorney in original shall be submitted by bidder as mentioned in Para 13.2 below.

In case the digital signature is not of "Class-3" with organization name, the bid will be rejected. Bidder is responsible for ensuring the validity of digital signature and its proper usage by their employees.

- 13.2 The original and all copies of the bid shall be typed or written in indelible inks. Since bids are to be submitted ONLINE with digital signature, manual signature is NOT relevant. The letter of authorisation (as per Proforma-H) shall be indicated by written Power of Attorney accompanying the Bid.
- 13.3 Any physical documents submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialled by the person or persons who has/have digitally signed the Bid.

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13.4 Any Bid, which is incomplete, ambiguous, or not in compliance with the Bidding process will be rejected.

14. SUBMISSION OF BIDS



The tender is processed under single stage - Two bid system. Bidder shall submit the Technical bid and Priced bid along with all the Annexures and Proforma (wherever applicable) and copies of documents in electronic form through OIL's e-tender portal within the Bid Closing Date & Time stipulated in the e-tender. For submission of Bids online at OIL's e-Tender Portal, detailed instructions under Heading **HELP DOCUMENTATION** are available in OIL's e-Tender Portal. Guidelines for bid submission are also provided in the "Forwarding Letter". The Technical Bid is to be submitted as per Terms of Reference/Technical Specifications of the bid document and Priced Bid as per the Price Schedule. The Technical Bid should be uploaded in the **"Technical Attachment Tab"** Page only. Prices to be quoted as per **Proforma-B** and should be uploaded as Attachment just in the attachment link under "Notes & Attachments" Tab under General Data in the e-portal. No price should be given in the "Technical Attachment", otherwise bid shall be rejected. The priced bid should not be submitted in physical form which shall not be considered.

15. DOCUMENTS COMPRISING THE BID

Bids are invited under Single Stage Two Bid System. The bid to be uploaded by the Bidder in OIL's e-Tender portal shall comprise the following documents:

15.1 PART - 1 : TECHNO-COMMERCIAL/ UNPRICED BID (to be uploaded in "Technical Attachments" tab)

- a) Offer Covering letter (in bidder's letter head)
- b) Power of Attorney in favour of Authorized signatory of the bid, as per Form G
- c) Bid Security as per Form D
- d) Documentation against Bidder's Qualification Criteria
- e) Integrity Pact as in Annexure B
- f) General Information of the bidder as per Form - I
- g) Techno-commercial compliance to the TOR terms & Conditions (Form-B).
- h) Bank Certified Mandate Form as per Form-J duly signed and stamped with the Banker's certification along with cancelled cheque.
- i) Self-Declaration as per Form - S.
- j) Undertaking for applicability of Purchase Preference Policy.
- k) Undertaking by the bidder for PP-LC, if applicable as per SCC required.
- l) Statutory Auditor's Certificate for PP-LC, if applicable as per SCC.
- m) Calculation of Local Content (LC), if applicable as per FORM - A1.
- n) Exact Unpriced copy of Price Bid in price schedule format issued with the bidding document duly indicating 'Q' (Quoted) in place of "price" and 'NQ' (Not Quoted) where against each item where price to be quoted.
- o) Cover sheet of Addendum/Amendment (if any).
- p) Documentary evidence in case bidder is MSE bidder.
- q) Technical Compliance/data sheets/documents, required as per Material Requisition. Terms of Reference (TOR)
- r) Compliance to requirement of PAN No., Tax Residency Certificate and Form P as per relevant forms provided in Bidding Forms

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Any other document required as per, Technical Specifications; and

Please note that, price should not be mentioned in the “Technical Attachments” tab. The Priced Bid shall contain the prices along with the currency quoted and any other commercial information pertaining to the service offered.

Documents sent through E-mail/Fax/Telephonic method will not be considered.

15.2 PART-2 : PRICED BID (to be uploaded in “Notes and Attachments” tab)

Priced Bid containing only prices filled in the prescribed price schedule excel format and other formats provided in the Bidding Document, consisting of the following:

a) Prices in Price Schedule formats issued with bidding document shall be uploaded at the designated place of the e-tender portal of OIL

Notes:

1. Part-II (Priced Bid) shall be uploaded in Notes and Attachments” tab of e-tender portal as mentioned in above
2. Deviation to terms & conditions, presumptions etc. shall not be stipulated in Priced part of bid. In case of any conditions stipulated in price bid, the bids of such bidders shall be summarily rejected and shall not be considered for further evaluation. Evaluation shall be carried out excluding such bidder(s).

15.3 No Physical Bids/Offeres shall be permitted. The offers/bids submitted online on e-tender portal of OIL shall only be considered for evaluation and ordering.



15.4 Bidders are required to submit the following documents in original also as per the manner prescribed in the bid document in sealed envelope titled “Original Documents for respective IFB. No” and the same shall be sent to OIL Office at Duliajan. Kind Attention: (Name mentioned in BID document) Dy. General Manager (C&P) within the final bid due date, besides uploading the scanned copies of the same on E-tender portal along with the e-bid:

- i) Original EMD/Bid Security along with 2(two) copies) (if applicable).
- ii) Power of Attorney (POA) in favour of the bid signatory for signing the bid digitally (if applicable).
- iii) Any other document required to be submitted in original as per bid document requirement.

15.5 Timely delivery of the documents in physical form as stated in Para above is the responsibility of the bidder. Bidders should send the same through Registered Post or by Courier Services or by hand delivery to the Officer in Charge of the particular tender before the Bid Closing Date and Time. Company shall not be responsible for any postal delay/transit loss.

15.6 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.

16. DEADLINE FOR SUBMISSION OF BIDS

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16.1. Bids should be submitted online as per the online tender submission deadline. Bidders will not be permitted by System to make any changes in their bid/quote after the bid submission deadline is reached. Bidders are requested to take note of this and arrange to submit their bids within the submission deadline to avoid last minute rush/network problems.

16.2. No bid can be submitted after the submission dead line is reached. The system time displayed on the e-procurement web page shall decide the submission dead line.

16.3. The documents in physical form as stated in Para 15.4 must be received by Company at the address specified in the "Forwarding Letter" on or before 12.45 Hrs(IST) on the Bid Closing Date mentioned in the "Forwarding Letter". Timely delivery of the same at the address mentioned in the Forwarding Letter is the responsibility of the Bidders.

17. LATE BIDS

Bidders are advised in their own interest to ensure that their bids are uploaded in system before the closing date and time of the bid. The documents in physical form if received by the Company after the deadline for submission prescribed by the Company shall be rejected and shall be returned to the Bidders in unopened condition immediately.

18. MODIFICATION AND WITHDRAWAL OF BIDS

18.1. The Bidder after submission of Bid may modify or withdraw its Bid prior to Bid Closing Date & Time.

18.2. No Bid can be modified or withdrawn subsequent to the deadline for submission of Bids.



18.3. No Bid can be withdrawn in the interval between the deadline for submission of Bids and the expiry of the period of Bid Validity specified by the Bidder on the Bid Form. Withdrawal of a Bid during this interval shall result in the Bidder's forfeiture of its Bid Security and bidder shall also be debarred from participation in future tenders of OIL.

19. EXTENSION OF BID SUBMISSION DATE

Normally no request for extension of Bid Closing Date & Time will be entertained. However, OIL at its discretion, may extend the Bid Closing Date and/or Time due to any reasons. In such a case, all rights and obligations of the Owner/Consultant and bidders, previously subject to the original deadline will thereafter be subject to deadline as extended.

20. COMPLIANCE WITH TENDER

20.1. Enquiry has been issued on ZERO DEVIATION BIDDING basis, wherein bids with deviations shall not be acceptable. In view of the same, Bidder in his own interest is advised not to submit any deviation. Owner/Consultant reserves right to carry out bid evaluation with available information in the bid without any post-bid correspondence. Accordingly, bidder shall submit Techno-commercial compliance format duly signed as token of his acceptance.

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- 20.2. Bidder shall furnish quotations only for those items / parts:
- For which bidder is enlisted with OIL (Limited enquiries); or
 - For which Bidder can supply strictly as per Technical specifications including fulfilment of BQC wherever applicable (Press enquiries).

21. CLARIFICATION ON BIDDING DOCUMENTS

- 21.1. A bidder may seek clarification regarding the Bidding Document provisions, bidding process and/or rejection of his bid. Consultant/Owner shall respond to such requests within a reasonable time. However, such information relating to the evaluation of bids and recommendation of award shall not be disclosed to any other persons not officially concerned with the bidding process.
- 21.2. A prospective bidder requiring any information or clarification of the Bidding Documents, may notify the Consultant in writing by e-mail/post at Consultant's mailing address indicated in the Bidding Document. All question/ queries should be referred to KAVIN not later than three (3) days before scheduled date of pre-bid meeting and OWNER/KAVIN reserves the right not to entertain any prebidquery after cut-off date. Pre-bid meeting shall be attended by competent representative(s) of the bidder. Reply to Pre-Bid Queries shall be hosted on Tender portal.
- 21.3. Any modifications of the Bidding/RFQ Document, which may become necessary as a result of pre-bid queries/pre-bid discussion, shall be intimated to all the bidders through issue of an Addendum/Amendment.

22. OFFER WITHOUT ANY DEVIATION

- 22.1. Owner/KAVIN will appreciate submission of offer based on the Terms and Conditions in the bid document, Scope of Work, and Technical Specification enclosed with Material Requisition etc. to avoid wastage of time and money in seeking clarifications on technical/commercial aspect of the offer. Bids having any deviation to the bid document Terms & Conditions shall lead to the offer liable for rejection.
- 22.2. If a bidder has not quoted any part/component, Freight, the same shall be considered inclusive. Supervision, Training etc. which needs to be quoted on per diem basis, the same shall also be considered inclusive for the number of days specified in the enquiry document.
However, per diem rates of supervision rates included in the quoted prices shall be obtained from the bidder before award of work which shall be used for making payment based on actual number of days of working at site.
- 22.3. Non-compliance shall result in rejection of the corresponding item/group/block.
- 22.4. Error/non-submission of Taxes & Duties.
The evaluation and ordering shall be carried out considering the rates of Taxes & Duties as quoted in the bid. In case quoted Taxes are more than the applicable rate, the evaluation shall be carried out based on the quoted rate but applicable rate of tax shall be clarified before placement of order.
- 22.5. Taxes & Duties, if not quoted:
- Composite bidding – Bids shall be rejected.

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- b) Other than Composite bidding: Bidder shall be given chance to absorb the same, failing which the bid shall be rejected.

23. PRICE CHANGES/IMPLICATIONS AFTER OPENING OF TECHNICAL BIDS

- 23.1. In the event of any unsolicited price increase sought by any bidder, subsequent to the bid due date, the bid of such a bidder shall be rejected, in case the bidder does not agree to withdraw the price increase. Wherever, decision is taken to reject a bid, Bid Security, if submitted by the Bidder, shall also be forfeited and case shall be referred to PDD for appropriate action as per procedure.
- 23.2. In the event of any suo-moto decrease in price sought by a Bidder subsequent to the bid due date and which is not as a result of any change in scope of supply or terms and conditions specified in the bid document, the reduction in price shall not be considered for evaluation, however, the same shall be considered for ordering in case the Bidder happens to be the lowest techno-commercially acceptable.

24. BID EVALUATION CRITERIA

If there is correction/wrong entry or a difference between the values entered in figures and in words, the following procedure shall be adopted for evaluation:



- i) When there is a difference between the rate in figures and in words for an item, the rate which corresponds to the amount worked out by the Bidder for the item based on the quantity specified, shall be taken as correct.
- ii) When the rate quoted by the Bidder in figures and words tallies but the amount is incorrect, the rate quoted by the Bidder shall be taken as correct.
- iii) When it is not possible to ascertain the correct rate as detailed above, the rate quoted for the item in words shall be adopted as the quoted rate.
- iv) If the total amount written against an item does not correspond to the rate written in figures and if the rate in words is not written by the bidder, then the higher of the rates, i.e. higher of the rate worked out by dividing the amount by the quantity and the rate quoted shall be considered for evaluation. In the event that such a bid is determined as the lowest bid, the lower of the rates shall be considered for ordering.

25. BID REJECTION CRITERIA

- 25.1. Bids are invited under Zero Deviation bidding basis. Bids with deviations shall be rejected.
- 25.2. Owner/Consultant reserves the right to verify the authenticity of Digital Signature. In case Digital Signature is not authorized, the bid shall be rejected.
- 25.3. If a bidder submits prices in un-priced part of bid, the bid shall be rejected. Prices uploaded at the designated priced folder of the e-tendering website shall only be considered.

26. BID OPENING

- 26.1. Company will open the Technical Bids, including submission made pursuant to clause 15.0, in presence of Bidder's representatives who choose to attend at the date, time and place mentioned in the Forwarding Letter. However, an authorisation letter (as per Proforma-H) from the Bidder must be produced by the Bidder's representative at the time of Bid Opening. Unless this Letter is



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presented, the representative will not be allowed to attend the Bid Opening. The Bidder's representatives who are allowed to attend the Bid Opening shall sign a register evidencing their attendance. Only one representative against each Bid will be allowed to attend. In technical bid opening, only "Technical Attachment" will be opened. Bidders therefore should ensure that technical bid is uploaded in the "Technical Attachment" Tab Page only in the e-portal.

- 26.2. In case of any unscheduled holiday or Bandh on the Bid Opening Date, the Bids will be opened on the next full working day. Accordingly, Bid Closing date/time will get extended up to the next working day and time.
- 26.3. Bids which have been withdrawn pursuant to clause 18.0 shall not be opened. Company will examine bids to determine whether they are complete, whether requisite Bid Securities have been furnished, whether documents have been digitally signed and whether the bids are generally in order.
- 26.4. At bid opening, Company will announce the Bidder's names, written notifications of bid modifications or withdrawal, if any, the presence of requisite Bid Security and such other details as the Company may consider appropriate.

27. EVALUATION AND COMPARISON OF BIDS

- 27.1. The Company will evaluate and compare the bids as per BID EVALUATION CRITERIA (BEC), PART-2 of the Bid Documents.
- 27.2. DISCOUNTS/REBATES: Unconditional discounts/rebates, if any, given in the bid will be considered for evaluation.
- 27.3. Post bid or conditional discounts/rebates offered by any bidder shall not be considered for evaluation of bids. However, if the lowest bidder happens to be the final acceptable bidder for award of contract, and if they have offered any discounts/rebates, the contract shall be awarded after taking into account such discounts/rebates.
- 27.4. Normally no clarifications shall be sought from the Bidders. However, for assisting in the evaluation of the bids especially on the issues where the Bidder confirms compliance in the evaluation and contradiction exists on the same issues due to lack of required supporting documents in the Bid (i.e. document is deficient or missing), or due to some statement at other place of the Bid (i.e. reconfirmation of confirmation) or vice versa, clarifications may be sought by OIL. In all the above situations, the Bidder will not be allowed to change the basic structure of the Bid already submitted by them and no change in the price or substance of the Bid shall be sought, offered or permitted.
- 27.5. Prior to the detailed evaluation, Company will determine the substantial responsiveness of each bid to the requirement of the Bid Documents. For purpose of these paragraphs, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bid Document without material deviations or reservation. A material deviation or reservation is one which affects in any substantial way the scope, quality, or performance of work, or which limits in any substantial way, in-consistent way with the Bid Documents, the Company's right or the bidder's obligations under the contract, and the rectification of which deviation or reservation would affect unfairly the

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competitive position of other bidders presenting substantial responsive bids. The Company's determination of Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.

27.6. A Bid determined as not substantially responsive will be rejected by the Company and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

27.7. The Company may waive minor informality or nonconformity or irregularity in a Bid, which does not constitute a material deviation, provided such waiver, does not prejudice or affect the relative ranking of any Bidder.

28. COMPARISON OF OFFERS

28.1. The lowest evaluated bid shall be considered for award of order on the basis of landed cost at site for the respective grouped items as per Material Requisition including Supply, Site work, Training. The evaluated price shall be calculated based on the prices quoted by the bidder after considering the following:

a) Bidder:

- i. FOT dispatch point price quoted by the bidder including packing and forwarding.
- ii. Cost of Mandatory spares, Special Tools & Tackles, Commissioning spares, etc., if quoted extra.
- iii. GST (Goods & Service Tax) will be cost loaded as quoted and in line with provisions of bidding document.
- iv. Road Freight charges.
- v. Site Work/Supervision/Training charges wherever applicable as per Bid Documents.
- vi. Technical loading, if any, as defined in the Bidding document.

28.2. Cost (including taxes & duties) of Mandatory/Insurance spares if identified in the Material Requisition, Commissioning spares and Special tools and tackles will be included for price evaluation of bids, but costs of Specific Spares for two years normal operation shall be excluded.



28.3. Cost of loading towards Technical Parameters (Utilities etc.) wherever applicable shall be considered for evaluation.

28.4. Wherever supervision, site works, AMC, training etc. are required as per Bid Documents/RFQ; the same shall be considered for evaluation for no. of man days specified elsewhere in RFQ document along with the respective GST (Goods & Service Tax) at applicable rates.

28.5. Item shall be awarded on individual/group wise/bottom line basis as per Bid Documents/RFQ to the Bidder(s) whose evaluated price for the individual item/group items/ bottom line is the lowest.

28.6. Transit Insurance shall not be added for evaluation.

28.7. **Other Conditions Related to Bid Evaluation**

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- i. Input Tax Credit on GST (Goods & Service Tax) is available to Owner& the same shall be considered for the Purpose of evaluation.
- ii. Prices quoted in PRICE BID as per the requirement of the bidding document shall only be considered for evaluation.
- iii. Offer evaluation and ordering shall be on lowest bottom line group price basis in case of Group Bid Documents or on in individual item wise lowest basis or on bottom line basisas mentioned in Price schedule.
- iv. In case, price increase is sought by the L1 bidder after priced bid opening and thebidder does not agree to withdraw the price increase, the order shall not be placedwith price increase and the tender enquiry shall be refloated. Wherever, decision is taken to reject a bid, EMD/Bid Security, if submitted, by the Bidder, shall also be forfeited and appropriate penal action shall be initiated, as per Company Policy.
- v. Shifting: OWNER also reserves the right to consolidate the quantities of PO where it is commercially prudent to place single order. In the case of shifting of order as above, the following shall govern:
 - a) In order to avoid splitting of order on number of bidders, particularly when order value is small, shifting shall be resorted to so that time and effort on ordering, expediting, inspection etc. is saved in dealing with extra suppliers.

For the purpose of shifting, cost of order management per order is considered as INR. 1,00,000/-.
 - b) Based on the lowest evaluated item wise prices the shifting shall be carried outprovided the following conditions are met:

Shifting shall be done only if shifting cost of each order is upto INR.1,00,000/-

Shifting shall not be resorted to if the value of the order is more than 25% of the total order value of the recommendation. However, this ceiling will not be applicable where total order value of recommendation is upto INR. 4,00,000/-



In case the order value on L1 bidder is more than INR 2,00,000/- then shifting shall not be resorted.

With above shifting the selected bidder for award will be deemed to be the L1 bidder.

29. ADVANCE PAYMENT

Request for advance payment shall not be normally considered. However, depending on merit and at the sole discretion of OIL, advance payment may be agreed at an interest rate of 1% above the prevailing Bank rate (CC rate) of State Bank of India compounding on quarterly basis from the date of payment of the advance till recovery /refund.

- 29.1. Advance payment if agreed to by the Company shall be paid only against submission of an acceptable Bank Guarantee whose value should be equivalent

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to the amount of advance plus the amount of interest estimated by OIL on the basis of contractual delivery period without further reference.



- 29.2. Bank Guarantee shall be valid for 3 months beyond the delivery period incorporated in the order and same shall be invoked in the event of Seller's failure to execute the order within the stipulated delivery period.
- 29.3. In the event of any extension to the delivery date, seller shall enhance the value of the bank guarantee to cover the interest for the extended period and also shall extend the validity of bank guarantee accordingly.

30. OPENING OF PRICED BIDS

- 30.1. Company will open the Priced Bids of the techno-commercially qualified Bidders on a specific date in presence of representatives of the qualified bidders. The Techno-Commercially qualified bidders will be intimated about the Priced Bid Opening Date & Time in advance. In case of any unscheduled holiday or Bandh on the Priced Bid Opening Date, the Bids will be opened on the next working day.
- 30.2. The Company will examine the Price quoted by Bidders to determine whether they are complete, any computational errors have been made, the documents have been properly signed, and the bids are generally in order.
- 30.3. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (that is obtained by multiplying the unit price and quantity) the unit price shall prevail and the total price shall be corrected accordingly. If there is a discrepancy between words, and figures, the amount in words will prevail. If any Bidder does not accept the correction of the errors, their Bid will be rejected.

31. NOTIFICATION OF AWARD OF CONTRACT/ORDER

- 31.1. The Company will award the Contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the bidder is determined to be qualified to perform the Contract satisfactorily.
- 31.2. Prior to the expiration of period of bid validity, the Company/Owner will notify the successful bidder by e-mail to be confirmed in writing, that his bid has been accepted. The notification of Award/Letter of Acceptance will constitute the formation of the Order.
- 31.3. The Delivery Schedule shall commence from the date of issue of notification of award/Letter of Acceptance (LOA).
- 31.4. Award of Contract/Order will be by way of issuing a Letter of Acceptance (LOA). LOA will contain price, delivery and other salient terms of bid and bid document. Bidder will be required to confirm receipt of the same by returning "Copy of the LOA" duly signed and stamped by the bidder as a token of acknowledgement to the Company/Owner and the Consultant. Subsequently, detailed Purchase Order/Contract will be issued. Alternatively; direct detailed Purchase Order may be issued without issuing LOA.
- 31.5. Upon the successful bidder's furnishing of Performance Security pursuant to Clause 34.0 below, the Company/Owner will promptly notify each un-

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successful bidder and will discharge their Bid Security as per relevant Clause herein in ITB.

32. CONTACTING THE COMPANY AFTER BID OPENING

- 32.1. Except as otherwise provided elsewhere in the bid, no bidder shall contact Company on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
- 32.2. An effort by a Bidder to influence the Company in the Company's bid evaluation, bid comparison or Contract award decisions may result in the rejection of their bid.

33. COMPANY'S RIGHT TO ACCEPT OR REJECT ANY BID

Company reserves the right to accept or reject any or all bids and to annul the bidding process and reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidder, or bidders or any obligation to inform the affected bidder of the grounds for Company's action.



34. PERFORMANCE SECURITY

- 34.1. On receipt of notification of award from the Company, the successful Bidder (including MSEs, Public Sector undertakings and other Government bodies) shall furnish to the Company the Performance Security for an amount specified in the Forwarding Letter and Letter of Award (LOA) issued by the Company to the Bidder as per Proforma-F or in any other format acceptable to the Company and must be in the form of a Bank Guarantee
Any schedule Indian Bank or Any Branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign
- 34.2. Bank Guarantee issued by a Bank, amongst others, must contain the following particulars of such bank:
 - a) Full address.
 - b) Branch Code.
 - c) Code Nos. of the authorized signatory with full name and designation.
 - d) Phone Nos., Fax Nos., E-mail address.
- 34.3. Bidders will have to submit the Bank Guarantee from any of the scheduled banks and on non-judicial stamp paper of requisite value as per the Indian Stamp Act, purchased in the name of the issuing banker.

Note : Bank Guarantee issued by a Scheduled Bank in India at the request of some other Non-scheduled Bank of India shall not be acceptable.

- 34.4. The bank Guarantee issued by the Bank must be routed through SFMS Platform as per following details :
 - a. (i) "MT 760/MT 760 COV for issuance of Bank Guarantee
 - (ii) MT 760/MT 767 COV for amendment of Bank Guarantee

The above Message/Intimation shall be sent through SFMS by the BG issuing

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Bank Branch to Axis Bank, Duliajan Branch, IFS Code- UTIB0001129. Branch Address : Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District : Dibrugarh, PIN : 786602”

b. Bidders are to submit the copy of SFMS Message as sent by the issuing Bank Branch along with the original Bank Guarantee.

The Performance Security shall be denominated in the currency of the contract.

- 34.5. The Performance Security specified above must be valid for three months(3) beyond the contract period. The Performance Security will be discharged by Company not later than 30 days following its expiry. In the event of any extension of the Contract period, Bank Guarantee should be extended by Contractor by the period equivalent to the extended period.
- 34.6. The Performance Security shall be payable to Company as compensation for any loss resulting from Contractor’s failure to fulfil its obligations under the Contract.
- 34.7. The Performance Security will not accrue any interest during its period of validity or extended validity.
- 34.8. Failure of the successful Bidder to comply with the requirements of clause 10.8 and shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security or Performance Security. In such an eventuality, the party shall be debarred for a period of two years (2) from the date of default.



35. INTEGRITY PACT

- 35.1. The bidder confirms that all declarations made in this Integrity Pact are true and correct. In case of any declaration turning out to be false, the bidder shall not be allowed to take the defence that the correct declaration is given elsewhere in the offer. For example, any and all cases of transgression as defined in the Integrity Pact must be reflected in the Integrity Pact itself or attached as an appendix to the Integrity Pact with a corresponding reference marked in the transgression provision in the Integrity Pact so that Integrity Pact remains a single and unified document with regard to the objective of Integrity Pact.
- 35.2. This Integrity Pact proforma has been duly signed by OIL’s competent signatory. The proforma has to be uploaded by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder’s authorized signatory who signs the Bid. The names of the OIL’s Independent External Monitors (IEMs) at present are as under:

SHRI SATYANANDA MISHRA, IAS (Retd.), former Chief Information Commissioner of India & Ex-Secretary, DOPT, Govt. of India,
e-mail ID : satyanandamishra@hotmail.com

SHRI RAJIV MATHUR, IPS (Retd.) Former Director, IB, Govt. of India,
e-mail ID : rajivmathur23@gmail.com and

SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC ,

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e-mail ID : jagmohangarg@gmail.com

35.3. Bidder (s) not complying with the requirements of Integrity Pact shall be rejected.

36. PACKING

Not Applicable

37. INSPECTION AND TEST

37.1. The Consultant shall provide all requisite inspection services for all indigenous equipment/bulk material procured for the project and no additional charges shall be payable to seller on account of the same. In the case Indian bidder sourcing materials from abroad, the inspection shall be arranged through Third Party Inspection Agency (TPIA - i.e.LR/BV/DNV/TUV/CEIL).

37.2. The Inspection Agencies mentioned at any other place in bid document shall stand modified with agencies indicated above.

37.3. Also,

i) Quality Assurance Plan (QAP) will be approved by Inspection agency incorporating requirements of Inspection and Test Plan, Technical specifications provided with Purchase Order/Contract document.

ii) The Inspection release note issued by the Third Party Inspection agency shall clearly stipulate that materials/equipment have been inspected as per Code-1 approved drawings and approved QAP.

iii) Certification of final documents, wherever applicable, for release of final payment, shall be carried out by Inspection Authority issuing the final inspection certificate.

38. WARRANTY / GUARANTEE

Goods, materials or plant (s) to be supplied hereunder shall be new, of recent make, of the best quality & workmanship and shall be guaranteed by the Seller for a period mentioned hereunder against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the Seller shall be replaced immediately by the Seller on F.O.R destination basis including payment of all taxes and duties at Seller's expense. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods. However, where both supply as well as site works are involved, the warranty period shall be up to 6 months from the date of completion of Civil works



39. APPLICABLE LAW

The Contract shall be deemed to be a Contract made under, governed by and construed in accordance with the laws of India and shall be subject to the exclusive jurisdiction of Court situated in Guwahati.

40. INSURANCE

Not Applicable

41. TERMS OF PAYMENT

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41.1. Payment Terms are enclosed as Annexure to Special Conditions of Contract (SCC).

41.2. Advance payment as specified in the payment terms shall be payable.

42. SHIPMENT DOCUMENTATION

Not Applicable

43. TAXES & DUTIES

43.1. GOODS AND SERVICES TAX:

In view of GST Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax, Entry Tax and other indirect taxes and duties have been submerged in GST. Accordingly reference of Excise Duty, Service Tax, VAT, Sales Tax, Entry Tax or any other form of indirect tax except of GST mentioned in the bidding document shall be ignored.

43.2. Bidders are required to submit copy of the GST Registration Certificate while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.

43.3. "GST" shall mean Goods and Services Tax charged on the supply of material(s) and services. The term "GST" shall be construed to include the Integrated Goods and Services Tax (hereinafter referred to as "IGST") or Central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and Services Tax (hereinafter referred to as "SGST") or Union Territory Goods and Services Tax (hereinafter referred to as "UTGST") depending upon the import/interstate or intrastate supplies, as the case may be. It shall also mean GST compensation Cess, if applicable.



43.4. Quoted prices should be inclusive of all taxes and duties, except GST (i.e. IGST or CGST and SGST/UTGST applicable in case of interstate supply or intra state supply respectively and GST compensation Cess if applicable). Please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the Supplier of Goods /Services (Service Provider) only. Supplier of Goods /Services (Service Provider) providing taxable service shall issue an Invoice/ Bill, as the case may be as per rules/ regulation of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by Supplier of Goods/Services (Service Provider) with requisite details.

43.5. Where the OIL is entitled to avail the input tax credit of GST:

OIL will reimburse the GST to the Supplier of Goods/Services (Service Provider) at actual against submission of Invoices as per format specified in rules/ regulation of GST to enable OIL to claim input tax credit of GST paid. In case of any variation in the executed quantities, the amount on which the GST is applicable shall be modified in same proportion. Returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.



43.6. The input tax credit of GST quoted shall be considered for evaluation of bids, as per evaluation criteria of tender document.

43.7. Where the OIL is not entitled to avail/take the full input tax credit of GST:

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OIL will reimburse GST to the Supplier of Goods/Services (Service Provider) at actual against submission of Invoices as per format specified in rules/regulation of GST subject to the ceiling amount of GST as quoted by the bidder, subject to any statutory variations, except variations arising due to change in turnover. In case of any variation in the executed quantities (If directed and/or certified by the In-Charge) the ceiling amount on which GST is applicable will be modified on pro-rata basis.

- 43.8. The bids will be evaluated based on total price including applicable GST.
- 43.9. Payments to Service Provider for claiming GST amount will be made provided the above formalities are fulfilled. Further, OIL may seek copies of challan and certificate from Chartered Accountant for deposit of GST collected from OIL.
- 43.10. Contractor/Vendor shall be required to issue tax invoice in accordance with GST Act and/or Rules so that input credit can be availed by OIL. In the event that the contractor / vendor fails to provide the invoice in the form and manner prescribed under the GST Act read with GST Invoicing Rules thereunder, OIL shall not be liable to make any payment on account of GST against such invoice.
- 43.11. GST shall be paid against receipt of tax invoice and proof of payment of GST to government. In case of non-receipt of tax invoice or non-payment of GST by the contractor/vendor, OIL shall withhold the payment of GST.
- 43.12. GST payable under reverse charge for specified services or goods under GST act or rules, if any, shall not be paid to the contractor/vendor but will be directly deposited to the government by OIL.
- 43.13. Where OIL has the obligation to discharge GST liability under reverse charge mechanism and OIL has paid or/and is liable to pay GST to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL or ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/setoff/recover such amounts against any amounts paid or payable by OIL to Contractor/Supplier.
- 43.14. Notwithstanding anything contained anywhere in the Agreement, in the event that the input tax credit of the GST charged by the Contractor/Vendor is denied by the tax authorities to OIL for reasons attributable to Contractor/Vendor, OIL shall be entitled to recover such amount from the Contractor/Vendor by way of adjustment from the next invoice. In addition to the amount of GST, OIL shall also be entitled to recover interest at the rate prescribed under GST Act and penalty, in case any penalty is imposed by the tax authorities on OIL.
- 43.15. TDS under GST, if applicable, shall be deducted from contractor's/vendor's bill at applicable rate and a certificate as per rules for tax so deducted shall be provided to the contractor/vendor.
- 43.16. The Contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions available under tax laws.
- 43.17. GST liability, if any on account of supply of free samples against any tender shall be to bidder's account.

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43.18. In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods/Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision. Beyond the contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service provider's account whereas any decrease in the rate GST shall be passed on to the OIL. Beyond the contract period, in case OIL is entitled for input tax credit of GST, then statutory variation in applicable GST on supply and on incidental services, shall be to OIL's account.

43.19. Claim for payment of GST/Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) GST, otherwise claim in respect of above shall not be entertained for payment of arrears. The base date for the purpose of applying statutory variation shall be the Bid Opening Date.

43.20. The contractor will be liable to ensure to have registered with the respective tax authorities and to submit self-attested copy of such registration certificate(s) and the Contractor will be responsible for procurement of material in its own registration (GSTIN) and also to issue its own Road Permit/E-way Bill, if applicable etc.

43.21. In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.



43.22. OIL will prefer to deal with registered supplier of goods/services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet. However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST while evaluation of bid. Where OIL is entitled for input credit of GST, the same will be considered for evaluation of bid as per evaluation methodology of tender document.

43.23. Documentation requirement for GST :

The vendor will be under the obligation for invoicing correct tax rate of tax/duties as prescribed under the GST law to OIL, and pass on the benefits, if any, after availing input tax credit.

Any invoice issued shall contain the following particulars -

- a) Name, address and GSTIN of the supplier;
- b) Serial number of the invoice;
- c) Date of issue;
- d) Name, address and GSTIN or UIN, if registered of the recipient;
- e) Name and address of the recipient and the address of the delivery, along with the State and its code,
- f) HSN code of goods or Accounting Code of services[SAC];
- g) Description of goods or services;
- h) Quantity in case of goods and unit or Unique Quantity Code thereof;
- i) Total value of supply of goods or services or both;

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- j) Taxable value of supply of goods or services or both taking into discount or abatement if any;
- k) Rate of tax (IGST, CGST, SGST/UTGST, cess);
- l) Amount of tax charged in respect of taxable goods or services (IGST, CGST, SGST/UTGST, cess);
- m) Place of supply along with the name of State, in case of supply in the course of interstate trade or commerce;
- n) Address of the delivery where the same is different from the place of supply and
- o) Signature or digital signature of the supplier or his authorised representative.

GST invoice shall be prepared in triplicate, in case of supply of goods, in the following manner:

- a) The original copy being marked as ORIGINAL FOR RECIPIENT;
- b) The duplicate copy being marked as DUPLICATE FOR TRANSPORTER and
- c) The triplicate copy being marked as TRIPLICATE FOR SUPPLIER.

In case of any advance given against any supplies contract, the supplier of the goods shall issue Receipt Voucher containing the details of advance taken along with particulars as mentioned in Clause nos. (a), (b), (c), (d), (g), (k), (l), (m) & (o) above.

43.24. Anti-profiteering clause -

As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices. The Supplier of Goods/Services may note the above and quote their prices accordingly.



43.25. In case the GST rating of vendor on the GST portal/Govt. official website is negative/black listed, then the bids may be rejected by OIL. Further, in case rating of bidder is negative/black listed after award of work for supply of goods /services, then OIL shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct/recover such GST along with all penalties/interest, if any, incurred by OIL.

44. INCOME TAX

Income Tax as applicable shall include in the price and will be deducted at source as TDS by OIL. Owner shall issue a Tax deduction or withholding certificate to the MPC Contractor evidencing the Tax deducted or withheld and deposited by Owner on payments made to the MPC Contractor to enable him to claim the credit of the Tax deducted or withheld by Owner.

45. STATUTORY VARIATIONS

45.1. No variation on account of taxes and duties, statutory or otherwise, shall be payable by OIL/Consultant to contractor/vendor except for GST. Any statutory variation for GST shall be payable up to contractual date of completion against documentary evidence. In case, input tax credit of GST is available to OIL/Consultant beyond Contractual completion date, the same may be

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reimbursed by OIL/Consultant. Any reduction in taxes and duties included in the price shall be passed on to OIL/Consultant.

- 45.2. For the purpose of applicability of statutory variations on GST (Goods & Service Tax) as above (including imposition of any new taxes/duties/levies, etc.) under above terms, each staggered delivery of lots (due in a specific month as per delivery schedule for bulk items) shall be considered as delivery date for the respective lot(s).
- 45.3. Statutory Variation in GST (Goods & Service Tax), within the contractual completion period shall be on Owner's account against submission of documentary evidence. However, in case of delay in completion beyond the contractual date, for reasons attributable to Seller, any increase in GST (Goods & Service Tax) shall be borne by Seller, whereas any decrease shall be passed on to OIL.
- 45.4. If the statutory variation entitles the employer to recover the amount (irrespective of contractual delivery) such amount will be recovered from any bill of the Supplier immediately on enforcement of such variation under intimation to the Supplier.

45.5. NEW TAXES & DUTIES



All new Indian taxes/duties/cess/levies notified after the date of unpriced bid opening/submission of any subsequent price implication/revised prices, but within Time for Completion/extended Time for Completion (due to reason attributable to OIL), shall be to Owner's account. These shall be reimbursed against documentary evidence. However, wherever any new taxes & duties are imposed and previous taxes & duties are abolished/discontinued, the same shall be considered on case to case basis. Further, in case of delay attributable to supplier, any new or additional taxes and duties imposed after Time for Completion, as above, shall be to supplier's account.

Note: wherever any price implication/revised prices is obtained from bidders after un-priced bid opening, bidder to consider any new taxes/duties/cess/levies notified after un-priced bid opening in this price implication/revised prices.

45.6. GENERAL

- Any error of interpretation of applicability of taxes/duties by the contractor shall be to bidder's account.
- The classification of goods as per GST (Goods & Service Tax) Act should be correctly done by the contractor to ensure that input tax credit on GST (Goods & Service Tax) is not lost to the Owner on account of any error on the part of the SUPPLIER.
- Notwithstanding anything mentioned elsewhere in the Bidding Document the aggregate liability of Owner towards Payment of Taxes & Duties shall be limited to applicable GST except for the statutory variation in taxes & duties & Clause 50.3 above.

46. LIMITATION OF LIABILITY

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46.1. Notwithstanding anything contrary contained herein, the aggregate total liability of Seller, excluding his liability towards infringement of patent, trade mark or industrial design rights, breach of Confidentiality, Anti-Bribery, Corruption and Conflicts of Interest, under the contract or otherwise shall be limited to 100% of value of Purchase order. However, neither party shall be liable to the other party for any indirect and consequential damages, loss of profits or loss of production.

47. CARTEL FORMATION

In case any bidder is found to be involved in cartel formation, his bid will not be considered for evaluation/placement of order. EMD/Bid Security submitted by such bidder shall be forfeited and such bidder will also be put on Holiday/Negative list of OWNER barring them from bidding in future.

48. ORDER OF PRECEDENCE

The documents forming the Contract are to be taken as mutually explanatory of one another. If there is an ambiguity or discrepancy in the Term & Conditions defined in the various documents, the order of Precedence shall be as follows:

- Bidding Document and its enclosures along with bidding document Amendment to Bidding Document, if any
- Bidding Document/IFB along with Bid Data Sheet
- Job Specifications
- Drawings
- Technical specifications
- Instructions to Bidders (ITB)



A variation or amendment issued after the execution of the formal contract shall take precedence over respective clauses of the formal contract and its Annexure.

49. FORCE MAJEURE

49.1. In the event of either party being rendered unable by 'Force Majeure' to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such 'Force Majeure' will stand suspended for the period during which such cause lasts. The word 'Force Majeure' as employed herein shall mean acts of God, war, revolt, agitation, strikes, riot, fire, flood, sabotage, civil commotion, road barricade, acts of government of the two parties which makes performance impossible or impracticable and any other cause whether of kind herein enumerated or otherwise which are not within the control of the party to the contract and which renders performance of the contract by the said party impossible.

49.2. Upon occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within seventy two (72) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

49.3. Should 'force majeure' condition as stated above occurs and should the same be notified within seventy two hours (72) after its occurrence the 'force majeure' rate shall apply for the first fifteen days. Parties will have the right to terminate

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the Contract if such 'force majeure' conditions continue beyond fifteen days (15) with prior written notice. Should either party decide not to terminate the Contract even under such condition, no payment would apply after expiry of fifteen days (15) force majeure period unless otherwise agreed to.

50. SETTLEMENT OF DISPUTES AND ARBITRATION



Arbitration (Applicable for Suppliers/Contractors other than PSU):

Except as otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties are unable to settle mutually, the same shall be referred to Arbitration as provided hereunder:

1. A party wishing to commence arbitration proceeding shall invoke Arbitration Clause by giving 30 days notice to the other party. The notice invoking arbitration shall specify all the points of dispute with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.
2. The number of arbitrators and the appointing authority will be as under:

Claim amount (excluding claim for interest and counter claim, if any)	Number of Arbitrator	Appointing Authority
Upto Rs. 5 Crore	Sole Arbitrator	OIL
Above Rs. 5 Crore	3 Arbitrators	One Arbitrator by each party and the 3rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.

3. The parties agree that they shall appoint only those persons as arbitrators who accept the conditions of the arbitration clause. No person shall be appointed as Arbitrator or Presiding Arbitrator who does not accept the conditions of the arbitration clause.
4. Parties agree that there will be no objection if the Arbitrator appointed holds equity shares of OIL and/or is a retired officer of OIL/any PSU. However, neither party shall appoint its serving employees as arbitrator.
5. If any of the Arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same; otherwise, he shall proceed de novo.
6. Parties agree that neither shall be entitled for any pre-reference or pendente-lite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.
7. The arbitral tribunal shall make and publish the award within time stipulated as under:

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Amount of Claims and counter claims(excluding interest)	Period for making and publishing of the award(counted from the date of first meeting of the Arbitrators)
Upto INR. 5 Crore	Within 8 months
Above INR. 5 Crore	Within 12 months

The above time limit can be extended by Arbitrator, for reasons to be recorded in writing, with the consent of the other parties.

8. If after commencement of the arbitration proceedings, the parties agree to settle the dispute mutually or refer the dispute to conciliation, the arbitrators shall put the proceedings in abeyance until such period as requested by the parties.
9. Each party shall be responsible to make arrangements for the travel and stay etc. of the arbitrator pointed by it. Claimant shall also be responsible for making arrangements for travel/stay arrangements of the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.
In case of sole arbitrator, OIL shall make all necessary arrangements for his travel, stay and the expenses incurred shall be shared equally by the parties.
10. The Arbitration shall be held at the place from where the contract has been awarded. However, parties to the contract can agree for a different place for the convenience of all concerned.
11. The Arbitrator(s) shall give reasoned and speaking award and it shall be final and binding on the parties.
12. Subject to aforesaid, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof shall apply to the arbitration proceedings under this clause.

The venue of all arbitrations will be at Duliajan, Assam. The award made in pursuance thereof shall be binding on the parties.

51. NOTICES



- 51.1. Any notice given by one party to other, pursuant to this Purchase Contract shall be sent in writing or Fax and confirmed in writing to the applicable address specified below:

Company

CGM (Projects)
Projects Department
OIL INDIA LIMITED
PO DULIAJAN - 786602
ASSAM, INDIA
Email: prodproj@oilindia.in

c) Contractor

e-mail id:

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51.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

52. ROYALTY AND PATENTS

Each party shall hold harmless and indemnify the other from and against all claim and proceedings for or on account of any patent rights, design, trade mark or other protected rights arising from any use of materials, equipment, processes, inventions and methods which have not been imposed on the attending party by the terms of the contract or the specifications or drawings forming part thereof.

53. WAIVER

Any delay in exercising and any omission to exercise any right, power or remedy exercisable by the Company under this contract shall not impair such right, power or remedy nor shall any waiver by the Company of any breach by the Contractor of any provision of this contract prevent the subsequent enforcement of that provision by the Company or be deemed a waiver by the Company of any subsequent breach by the Contractor.

54. CONSEQUENTIAL DAMAGE

Except as otherwise expressly provided, neither party shall be liable to the other for special, indirect or consequential damages resulting from or arising out of the contract, including but without limitation, to loss or profit or business interruptions, howsoever caused and regardless of whether such loss or damage was caused by the negligence (either sole or concurrent) of either party, its employees, agents or sub-contractors.



55. LIQUIDATED DAMAGE

CONTRACTUAL DELIVERY PERIOD

1. The duration for supplying all the contractual package materials/items as per TOR and specification shall be five (5) months from the date of issue of Letter of Award (LOA). In the event of delay on the part of the Contractor to deliver package material/items, within the stipulated period of twelve (12) months, Liquidated Damage (L/D) @ 0.5% of per unit package cost, per Week or part thereof subject to maximum of 7.5% will be applicable. Should there be default on the part of the Seller for more than 6 Weeks from the scheduled date to complete the delivery or to complete the installation/commissioning /completion of Civil works & Training (wherever applicable) successfully, OIL shall have the right, in addition to the provisions as above to invoke the Performance Security without causing any notice to the Seller to this effect.
2. The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss/damage which will be suffered by OIL on account of delay/breach on the part of the Contractor and the said amount will be payable without proof of actual loss or damage caused by such delay/breach and without any demur and shall not be open for any dispute whatsoever.



56. TERMINATION

- 56.1. **TERMINATION ON EXPIRY OF THE TERMS (DURATION):** This contract shall be deemed to have been automatically terminated on the expiry of duration of the

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contractor the extension period, if exercised by Company under the provision of the Contract.

- 56.2. **TERMINATION ON ACCOUNT OF FORCE MAJEURE:** Either party shall have the right to terminate this Contract on account of Force Majeure as set forth in Article 49 above.
- 56.3. **TERMINATION ON ACCOUNT OF INSOLVENCY:** In the event that the Contractor or its collaborator at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the Company shall, by a notice in writing have the right to terminate the Contract and all the Contractor's rights and privileges hereunder, shall stand terminated forthwith.
- 56.4. **TERMINATION FOR UNSATISFACTORY PERFORMANCE:** If the Company considers that, the performance of the Contractor is unsatisfactory, or not upto the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate the Contract by giving 15 days notice in writing to the Contractor, if Contractor fails to comply with the requisitions contained in the said written notice issued by the Company.
- 56.5. **TERMINATION DUE TO CHANGE OF OWNERSHIP & ASSIGNMENT:** In case the Contractor's rights and/or obligations under this Contract and/or the Contractor's rights, title and interest to the equipment/material, are transferred or assigned without the Company's consent, the Company may at its absolute discretion, terminate this Contract.
- 56.6. **CONSEQUENCES OF TERMINATION:** In all cases of termination herein set forth, the relative obligations of the parties to the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of this Contract, the parties shall continue to be bound by the provisions of this Contract that reasonably require some action or forbearance after such termination.

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END OF VOLUME I: COMMERCIAL PART 1

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VOLUME I: COMMERCIAL
PART II

BID EVALUATION CRITERIA (BEC)

PREAMBLE:

The bid shall conform generally to the specifications, terms, and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following mandatory requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected. All the documents related to BEC must be submitted along with the Techno-Commercial Bid.

1.0 TECHNICAL CRITERIA:

- 1.1 The Bidder should have successfully executed a contract with civil and mechanical construction works including Pipings and completed erection and installation of any one of the large size equipment / machineries such as Static Equipments, Rotating Machineries/Skid Mounted equipments in Oil & Gas /Terminals /Refinery /Petrochemical /Power Plant /Fertiliser Plant/Chemical Plant Projects.
- 1.2 Bidder should have experience for a steel storage storage tank (hydrocarbon service) of diameter not less than 10m, including piling foundation.
- 1.3 Bidder should have successfully executed atleast one job as stated in 1.1 or 1.2 of value not less than INR. 20.49 Crores in the last Seven years (07) to be reckoned from the original Bid Closing date.
- 1.4 Documentary evidence in support of the above jobs in the form of job completion certificates from the clients are to be submitted failing which the offers will be rejected. The bidder shall give information on each individual work executed during the past Seven years (07), ending original bid closing date, indicating the following details.
 - Brief Description of Work
 - Value of Contract
 - Completion time as stated in Contract (months)
 - Actual Completion time (months)
 - Month/Year of completion
 - Reasons for delay, if any
 - Name & postal address of client
 - Contact person
- 1.5 **BIDS FROM CONSORTIUMS ARE NOT ACCEPTED. BIDS FROM JOINT VENTURES NOT ACCEPTED.**

2.0 FINANCIAL CRITERIA:

- a) **Annual Turnover of Bidder:** The Annual Financial turnover of the Bidder in any of the 3 preceeding Financial / Accounting Years from the original bid closing date (BCD) must be equal or more than **INR 20.49 Crores** as per Audited Annual Financial Reports.
- b) **Net Worth:** The financial Net Worth of the Bidder must be **Positive** networkth for the preceding Financial/Accounting year from the original bid closing date.
- c) **Working Capital Requirement:** The Working Capital of the Bidder must be minimum **INR 4.098 Crores** in the preceding Financial/Accounting year from the original bid closing date.

Note 1: Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net Worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that the balance sheet/Financial Statements for the financial year (as the case may be) have not been audited so far.

Note 2: For proof of Annual Turnover, Net worth and Working Capital, the following documents must be submitted along with the bid:-

- i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number-FRN), certifying the Annual turnover & Net worth.

AND

- ii) Audited Balance Sheet along with Profit & Loss account.

Note 3: In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General (CAG) of India and the Central Government, their certificates may be accepted even though FRN is not available. However, the bidder has to provide documentary evidence for the same.

3.0 DOCUMENTARY EVIDENCES TO BE SUBMITTED BY THE BIDDERS IN SUPPORT OF THEIR BIDS:

Bidders must furnish documentary evidences in support of fulfilling the entire above requirement as under:

- a) Purchase/Work Order and Work Completion Certificate and any other documents from their clients which can substantiate their claim towards experience.
- b) Company Profile, address, concerned person and his/her contact details, organizational set up with details of professional technical and financial capabilities.
- c) Documents in the form of copies of relevant pages of Contract and Completion Certificate or final bill payment documents etc. or any other documents issued by their clients in support of executing the job as mentioned in the Scope of Work/Terms of Reference/Technical Specification of the bidding document, during last seven years prior to the original bid closing date of the tender.
- d) Reference address under which last service provided.

All documents submitted with bid must be self-certified by the bidder's authorized person signing the bid and duly authenticated as mentioned elsewhere in the bidding document.

NOTE:

In case Bidder has executed and completed a Composite work in a single contract which includes the qualifying work(s) stated under Clause No. 1.1 above, then value of such qualifying work(s) out of total value of composite work shall be considered for the purpose of evaluation.

For qualification based on composite works, in the event the value of the qualifying work(s) cannot be ascertained from the Work Order/Completion Certificate submitted by bidder, Copy of Schedule of Rates/Prices (SOR/P), Copy of relevant pages of contract, Copy of relevant pages of final bill certified by their OWNER for establishing requirement of BQC or written letter from their Owner specifying the nature of work with quantities and values shall be submitted for qualification.

4.0 COMMERCIAL – BID SUBMISSION

- 4.1 Bids shall be submitted under single stage two Bid systems i.e. Technical Bid and Priced Bid separately in the OIL's e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in "Technical RFx Response" Tab and Priced Bid uploaded in the "Notes & Attachments" Tab. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two bid system shall be rejected outright.
- 4.2 Except for the provisions of escalation provided elsewhere in the bidding document, bidder shall offer firm prices. Price quoted by the successful bidder must remain firm during the execution of the contract and not subject to variation on any account unless mentioned otherwise in the bidding document.
- 4.3 Validity of bids shall be minimum 4 months (120 days). Bids with lesser validity will be rejected as being non-responsive.

- 4.4 Bid without original Bid Security and confirmation regarding submission of bid security as per clause 10 of Volume I - Commercial -Part I – ITB shall be rejected.
- 4.5 The amount of Bid Security shall be as specified in the Forwarding Letter of the Bid Document. Bid without proper & valid Bid Security will be rejected.
- 4.6 The authenticity of digital signature shall be verified through authorised CA after bid opening and in case if the digital signature is not authorised, the bid will be rejected.
- 4.7 Bids received through the e-procurement portal shall only be accepted. Bid not submitted in compliance with special methods of submitting system mentioned in 4.1 above (wherever applicable) will be rejected. Bids received in any other form shall not be accepted.
- 4.8 The Integrity Pact must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid will be rejected.
- 4.9 Physical Bids, if any received from the bidders, shall not be considered and will be rejected.
- 4.10 Bids submitted after the Bid Closing Date and Time will be rejected.
- 4.11 The bid documents are non-transferable. Bid can only be submitted in the name of the bidder in whose name the User ID and Password have been issued. Unsolicited bids will not be considered and will be straightway rejected.
- 4.12 Bids shall be typed or written in indelible ink and shall be digitally signed by the bidder or his authorised representative.
- 4.13 Any physical documents wherever called for, submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialled by the person or persons who has/have digitally signed the Bid.
- 4.14 Any Bid containing false/incorrect statement will be rejected.
- 4.15 Bidders must quote clearly and strictly in accordance with the price schedule outlined in "Price Bid Format" of Bid Document, otherwise the Bid will be summarily rejected.
- 4.16 Bidders shall quote directly and not through their Agent/Representative/Retainer/Associate in India.
- 4.17 Bidder must accept and comply with the following clauses as given in the Bid Document in toto failing which bid will be rejected –
 - i) Performance Guarantee Clause
 - ii) Force Majeure Clause
 - iii) Tax Liabilities Clause
 - iv) Arbitration Clause
 - v) Acceptance of Jurisdiction and Applicable Law
 - vi) Liquidated damage and penalty clause
 - vii) Safety, Environment & Labour Law
 - viii) Termination Clause
 - ix) Integrity Pact

5.0 PRICE BID EVALUATION

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Rejection Criteria will be considered for further evaluation as given below:

- 5.1 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.
- 5.2 The bidders must quote their charges/rates in the manner as called for vide Schedule of Rates/Price (Form SOR/P) as per Volume I- Commercial Part III, Section 2, Annexure II.
- 5.3 The CSC Contract will be signed with successful bidder on completion of Price Bid Evaluation
- 5.4 The CSC Contract Price shall be calculated as follows:-
 - a) Grand Total Prices quoted in the Schedule of Rates/Prices (Form SOR/P)
 - b) Goods and Services Tax (GST): The GST amount obtained by multiplying the quoted Grand Total price in the Schedule of Rates/Prices (Form SOR/P) with the prevailing rate of GST as on the Bid Closing Date is to be considered for purpose of evaluation of Bid.
 - c) Total Lump sum CSC Price = (a) + (b) shall form the CSC Contract Value

6.0 GENERAL:

- 6.1 In case bidder takes exception to any clause of bid document not covered under BEC, then the Company (OIL) has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by the Company (OIL). The loading so done by the Company (OIL) will be final and binding on the bidders. To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation. The Commercial Bids shall be evaluated taking into account the rates quoted in the Price Bid Format.
- 6.2 To ascertain the substantial responsiveness of the Bid, the Company (OIL) reserves the right to ask the bidder for clarification in respect of clauses covered under BEC also and such clarifications fulfilling the BEC clauses in toto must be received on or before the dead line given by the Company (OIL) failing which the offer will be summarily rejected.
- 6.3 If any of the clauses in the BEC contradicts with other clauses of the Bid Document elsewhere, then the clauses in the BEC shall prevail.

7.0 CUSTOMS DUTY : NOT APPLICABLE

8.0 PURCHASE PREFERENCE CLAUSE: NOT APPLICABLE

9.0 PURCHASE PREFERENCE LINKED WITH LOCAL CONTENT : NOT APPLICABLE

VOLUME-1 Part-3
SECTION-I

TERMS OF REFERENCE (TOR)

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VOLUME-1 Part-3**SECTION: I****TERMS OF REFERENCE & TECHNICAL SPECIFICATIONS****1.0 INTRODUCTION**

OIL INDIA LIMITED (OIL) a Government of India Enterprise, proposes to construct two number of Surface Production facilities primarily for separation of Oil, Gas & Water and processing of non-associated & associated gas in its producing field at Nadua and East Khagorijan. The installation will be constructed on Modular design concept with emphasis on skid mounted prefabricated facilities minimizing civil construction work at site to the extent possible as per functional specifications of various process/utility packages. Instead of permanent civil buildings, containerized offices/structures will be preferred.

KAVIN ENGINEERING AND SERVICES PRIVATE LIMITED (Consultant) has been appointed as Engineering, Procurement, Construction and Management Consultant for construction of surface production facilities Oil Collection Station (OCS) at Nadua and Group Gathering Station (GGS) at East Khagorijan, in upper Assam.

The East Khagorijan (GGS) field is located near Dibrugarh town in Assam at a location approximately 200m south (aerial distance) of Loc# TAI at 27°32'N 95°09'E approx. Elevation 121m MSL. The field is presently producing from 02 Nos. of wells through a QPS (Quick Production Setup). Considering the potential of the field it is envisaged that Oil production is expected to rise to a level of 1000 KLPD from 06 HP wells, 06 LP wells and 06 Non Associated Gas wells. Associated Gas is expected to be around 0.1 MMSCMD. The East Khagorijan gas field is expected to produce about 1 MMSCMD of non-associated natural gas from this area. It is also expected that the field will produce about 800 KLPD of water along with the 1000 KLPD of crude, so the plant design will be for handling 1800 KLPD of total well fluid. Oil India Limited proposes to construct a Group Gathering Station (OCS + FGS) at East Khagorijan to cater to the production in that area.

Pipelines carrying well fluids to the proposed surface production facilities and pipelines transporting dry crude, separated gas, treated water from the facilities are not in the project scope.

1.1. Subject

OIL is in the process of development of surface production facility in East Khagorijan. As a part of this development scheme, CONTRACTOR's scope comprises of Procurement and supply of all items as enumerated in the document, Installation of Package skids, Bought out components free issued by OIL, Tank Construction & foundation, Insulation for pipes, Surface preparation and painting, Inspection, Testing, Mechanical completion, Pre-commissioning and commissioning assistance.

1.2. Site detail**Location:**

East Khagorijan is close to Chauba town, located 11km from Chabua Railway station.

Airport: Nearest airport Dibrugarh

1.3. Objective

This document specifies the scope and schedule of work to be performed by the CSC CONTRACTOR for the supply and installation of Mechanical works.

The equipment's which are to be supplied for this facility, shall be latest, suitable, appropriate & proven technology. The proposed installation is designed to meet all the latest and relevant standards for QHSE-ISO and ISRS (International Safety Rating System) and statutory regulations like OMR (Oil Mines Regulations) 2017, IE Rules, OISD (Oil Industry Safety Directorate), DGMS guidelines, Ministry of Environment and Forest (MOEF), Central & local Assam pollution control board norms and any other relevant laws, by-laws, or Acts in force, etc.

2.0 DEFINITION OF TERMS

“Owner/Company/OIL” means the OIL India Limited

“CONSULTANT” means Kavin Engineering and Services private limited

“CSC CONTRACTOR” means the person or the persons firm or Company whose tender has been accepted by the Owner.

“Engineer-in-Charge” shall mean the person designated as such by the Owner and shall include those who are expressly authorized by the Owner to act for and on his behalf for operation of this contract.

3.0 SCOPE OF WORK

The scope of work of CSC CONTRACTOR includes Project management, Procurement, fabrication, inspection & transportation of equipment / material to work site, unloading, safe storage at site, assembly, erection, installation, of piping, civil & structural works, site inspection and testing, painting, pre-commissioning & commissioning assistance etc. for the completion of General Mechanical works in GGS East Khagorijan in totality.

The CSC CONTRACTOR is requested to visit the site of the proposed work location and understand the details of site Conditions/requirements and to ensure construction feasibility in given time frame, before the submission of offer. Kindly ensure to check the feasibility of storage of construction material, materials supplied by other package vendors, fabrication yard, space availability for site office with basic facilities for staff and contract work-men etc.,

The work shall be carried out as per scope of work described hereunder, Schedule of Rates, specifications & standard drawings attached in Volume-II of the Tender document, codes, good engineering practices. Further it includes any other work not specifically mentioned but required to complete the work as per the specifications, drawings and instructions of Engineer-in-Charge. The scope of work shall broadly be as given below but not limited to the following:

3.1. Scope of Supply

- 3.1.1 CSC CONTRACTOR shall procure and supply Pipes, fittings, flanges, fasteners, gaskets, valves, specialty items like Strainer, Bowser loading arm, flame arrestor, sample collection kit, safety shower & eye wash station etc. as listed in Part-A of Schedule of rates in compliance with Piping & Valve material specification including transportation, unloading & safe storage at site.
- 3.1.2 Preparation and submission of GA Drawings / Data sheets for valves, Specialty items etc. All documents shall be subject to review and approval by OIL/CONSULTANT.
- 3.1.3 All materials shall be new with all surfaces clean and free from defects, Weld spatter, arc strike, rust, dirt, sand, scale or any other foreign substance.
- 3.1.4 Manual Valves shall be supplied with special requirements such as Full bore, Lock arrangement, extended stem wherever insulation is provided etc. as specified in Manual valve summary and Valve material specification attached in Volume-II of the Tender document.
- 3.1.5 Inspection and testing, shop painting of the Valves / Specialty items and repair painting after erection due to damage in transportation / handling.
- 3.1.6 Wherever Valves handles are not accessible, chain operation facility / access platform shall be provided by the CSC CONTRACTOR.
- 3.1.7 Supply of all insulation and ancillary material like spacer-ring, stays, lacing and binding wires, screws, bands, wooden blocks, studs, flats, support ring clips, sealant and mastic, cement, glass cloth, jacketing sheets necessary

drillings and fixing of bolts/nuts, washers etc., wherever specified and required.

- 3.1.8 CSC CONTRACTOR scope shall include design, engineering, manufacturing, assembly, supply, storage, installation, testing & commissioning assistance of Electrical heat tracing system. The Electrical tracing system scope shall include a) Supply of RTD for all the interconnecting pipes heat tracing circuits, b) Explosion proof junction box for power connection for the heat tracer, c) Heat tracers, d) Installation accessories etc. as described in the Schedule of rates, Technical specification attached in the Volume-II of the Tender document.
- 3.1.9 Supply of material for fabrication and erection of overhead steel tank for Industrial water service and Potable water service. Scope of work for Overhead tank includes design, preparation of design calculation, GA Drawing, fabrication, supply of plates, nozzles, overflow & drain, bug screen, erection, inspection & testing, painting etc. confirming to IS:804 standard. The plate thickness shall be 6mm. The tank shall be fabricated at site / done in parts then assembled at site and erected over 15m height steel structure. Tank support structure will be fabricated by Others.
- 3.1.10 Supply of Structural steel material for fabrication and erection of V-SAT communication tower of height 30m (approx).
- 3.1.11 Supply and erection of HDPE pipes including fittings as required for sewage system shall be considered in CSC CONTRACTOR scope including excavation, backfilling of soil for buried piping, testing etc.
- 3.1.12 Acoustic enclosure shed for LP Compressor package design, supply and installation is in CSC CONTRACTOR scope. Exhaust fans for the shed will be supplied by others and the same shall be received and erected at site by CSC CONTRACTOR along with Acoustic enclosure work.
- 3.1.13 CSC CONTRACTOR shall procure spares required for pre-commissioning and commissioning/start-up.

3.2. Scope of Services

- 3.2.1 The CSC CONTRACTOR's Scope shall consist of, but not limited to, Mobilization/ demobilization, providing of all requisite manpower & machinery, Unloading & Safe storage of Owner / MPC Contractor supplied material, transportation of materials from storage point to work site, installation, testing, painting, tie-in/ hook-up with other Modular skids, interconnected piping, attending checklist jobs, pre-commissioning and commissioning assistance and all associated works though not indicated specifically herein but otherwise required to be performed to complete the work in all respects.
- 3.2.2 CSC CONTRACTOR shall construct Temporary ware house at designated location for storage, binning etc. of all incoming materials including skids supplied by other contractors which are erected by CSC CONTRACTOR. All necessary vehicle approach /hydra/crane for entry and exit to Warehouse shall be arranged by CSC CONTRACTOR.

3.2.3 Receiving of Company / Supply Contractor (MPC) supplied skids / Containerized loose packages /items including arranging all tools and tackles, Crane /hydra / trailers / pullers for unloading & handling, stacking with proper supports / wooden frames / gunny bags & proper coverage with tarpaulin for protection against all weather conditions at CSC CONTRACTOR's site ware house.

3.2.4 CSC CONTRACTOR to take utmost care and all precautions, all safety measures, application of safety equipments/ devices, for execution of the works. In no case there shall be any possibility of hazard due to the works performed by the contractor. CSC CONTRACTOR to develop safety procedure for works to be performed by Contractor and shall be responsible for any accident/ damage resulting due to the work carried out by him.

3.2.5 Entire works for installation of modularized skids and necessary co-ordination & liaison with the other contractor to complete the work seamlessly shall be carried out by the CSC CONTRACTOR under this Tender.

3.2.6 CSC CONTRACTOR shall arrange / provide OIL approved metallic scaffolding for all heights, labor, material, tools and tackles / consumables, supervision etc. or any enabling work not specifically mentioned in the specifications but necessary for the execution and completion of work as envisaged in the tender document.

3.3. Piping Construction

CSC CONTRACTOR shall perform following scope of work for Pipe erection,

3.3.1 Receipt of materials at WORKSITE offloading, checking, warehousing, proper storage and protection and material control facilities, including storage.

3.3.2 Carrying out thorough internal cleaning of all pipes to remove debris, shots, grit etc. to the satisfaction of Company/ Engineer-in-Charge.

3.3.3 Fabrication and erection of pipe supports like shoes, clamps including bolting materials, saddles, guides, dummy pipes, stops, anchors, clips, cradles, hangers, turn buckles, sway braces etc. Bare pipes of all sizes shall be supported with corrosion pad or pad and shoe on pipe rack / sleepers.

3.3.4 Fabrication and erection of small structures for pipe supports and valve operation etc. including supply of necessary materials.

3.3.5 Site fabrication of Pipes, special miter bends, reducers etc. as required.

3.3.6 All welding shall be carried out using qualified Welding Procedure Specification (WPS) and qualified welder shall be deployed for welding. WPS, PQR and Welding Performance Qualification Record (WPQ) documents shall be submitted to OIL/CONSULTANT for approval.

3.3.7 Non Destructive Testing (NDT) shall be carried for the pipes fabricated as per the requirements of code/Standards/Drawings/ITP. Qualified NDT personnel/ NDT consumables as per the requirements of Code/Standards shall be deployed / used for performing the NDT examination for the piping.

- 3.3.8 Arranging the approved agency and source for carrying out radiographic inspection on all type & sizing of piping/ pipe fittings in position at all heights inclusive of providing sources, film, chemicals, & all necessary equipment's, consumables etc. complete in all respect as per relevant code / standards, specification & instruction of the Engineer-in-Charge.
- 3.3.9 All arrangements to perform Hydrostatic testing of pipelines at the specified pressure including blinding/deblinding, fabrication & fixing of testing connections, pressure gauge / pressure chart recorder. Hose pipe connection & making all other arrangements as required & dewatering, flushing & boxing up after fixing proper gaskets with supply of all labour, tools & tackles, instruments, calibration of all instruments prior to testing & instructions of the Engineer-in-Charge. The job has to be carried out at all elevations and reports for the above shall be generated & documented.
- 3.3.10 Supply of all piping materials required for testing and pre-commissioning e.g. piping spools, bolting and gaskets, flanges, blinds or any other piping materials for carrying out this activity.
- 3.3.11 Supply all necessary materials like primer/ paint etc., preparing surfaces and application of paint/ primer at all heights and in all position including scaffolding, labour, all tools & tackles etc. as per specification, drawings and instruction of Engineer-in-Charge.
- 3.3.12 The CSC CONTRACTOR has to arrange all the rigging facilities, tools & tackles, chain pulleys etc at their own cost.
- 3.3.13 CSC CONTRACTOR shall arrange / provide Scaffolding material inline with OIL standards / Safety requirements.
- 3.3.14 Welding set/ welding power sources/welding accessories required for the piping work shall be arranged by CSC CONTRACTOR, at his own cost.
- 3.3.15 CSC CONTRACTOR shall place the purchase order after the prior approval on quantity from Engineering-in-Charge.
- 3.3.16 Hydraulic bolt tensioning & torque tightening shall be performed on flange joints.
- 3.3.17 Supply and application of hot insulation on heat conservation piping, electrically traced piping, personnel protection, valves, flanges etc. as per specifications and instructions of Engineer-in-charge.
- 3.3.18 Any other incidental / intermediate / ancillary or any enabling work not specifically mentioned in any specification but required to complete the work.
- 3.3.19 Consumables and other resources etc., as required for the execution of complete work and thereafter demobilizing the same upon completion of work.
- 3.4. Unloading & Erection of Equipment's / Pre-Fabricated Skids**
- 3.4.1 The plant consists of modularized skids which are pre-fabricated in shop and transported in Containers / Wooden packing by other Supply Contractors. CSC CONTRACTOR shall receive the material at site, including unloading the

skid, transportation to storage yard, material required for safe storage and installation of skids on the Foundation.

3.4.2 Based on the Supply contractor's information, OIL/CONSULTANT will inform CSC CONTRACTOR regarding the arrival of material / skids / containers at site along with Packing / dispatch list. CSC CONTRACTOR to plan / arrange necessary manpower, tools, tackles, cranes, hydra, trailer as required for unloading the Incoming material. OIL/CONSULTANT will not be responsible for demurrage on account of any delay.

3.4.3 CSC CONTRACTOR to coordinate with transporter / OIL for obtaining necessary permits / clearance for receipt of material at site. All incoming materials to be checked based on the Packing / dispatch list and CSC CONTRACTOR to submit the material receipt report to OIL/CONSULTANT.

3.4.4 The list of packages containing modularized skids are as follows,

- Power generation package include Containerized Gas engine gen-set, Diesel engine gen-set, Radiator, Chimney of height 30m & its supporting structures.
- Process package includes Compressor skid, pump skid, pressure vessel, pipe skids, Air cooled heat exchanger, Shell and Tube heat exchanger, Hot oil heater system etc.
- Water treatment plant, Effluent treatment plant, Sewage treatment plant
- Fire water pump and Foam system skids including Foam tank and transfer pump.

3.4.5 The approximate number of Modularized Skids / Equipment in the plant is estimated as 250 Nos. and overall weight of the package items is in the range of 1600 to 2000 MT.

3.4.6 Chimney erection with structural support upto 30m including aviation lamp, ladder, and access platform as per the drawings provided.

3.4.7 CSC CONTRACTOR scope shall include the erection of Enclosed ground flare system. Flare tip will be loose supplied by other Contractor; CSC CONTRACTOR shall supply and erect the Refractory bricks, ladder / access platform, plates as required for the completion of the system.

3.4.8 Erection of any loose supplied piping between or within the skids and interconnection of flanged end between the skids shall be performed.

3.4.9 Foundations for the skid / equipment are in Others scope. Any grouting material/shims etc required for alignment/erection shall be supplied by the CSC CONTRACTOR.

3.4.10 Erection of all the Fire fighting equipments (loose supplied by others) such as Foam pourer, ILBP, spray nozzles for Crude tanks, Fire extinguisher, Deluge valves, Hydrants, Monitors etc. including testing and commissioning.

3.4.11 Any damage during unloading / installation will be accounted in CSC CONTRACTOR scope.

3.5. API 650 Storage tank

CSC CONTRACTOR's scope includes procurement & supply of all materials for tanks fabrication and bought-out items, Loading & Unloading of all materials, transportation, handling & storage at project site, fabrication, installation & erection, inclusive of all appurtenances and other attachments like staircases, platforms & fire water ring piping, tank pile foundation, dyke wall construction for Crude tanks, Cathodic protection supply & installation, PVRV, Hot oil heating coil etc., whatsoever required, inspection & NDT, Hydro/ Hydro-Pneumatic testing, painting, calibration & commissioning assistance, in accordance with the applicable equipment specification /Codes/ Standards, Drawings & documents enclosed with tender for the following tanks.

- Treated Crude storage tank (EK-BBJ-1120 A/B) – 2 Nos.
- Off-spec Crude storage tank (EK-BBJ-1090) – 1 No.
- Crude oil test tank (EK-BBJ-1111) – 1 No.
- Skim oil storage tank (EK-ABJ-3452) – 1 No.
- Off-spec effluent storage tank (EK-ABJ-3453) – 1 No.
- Clarified water storage tank (EK-ABJ-3451 A/B) – 2 Nos.
- Fire water storage tank (EK-ABJ-3110 A/B) – 2 Nos.

The CSC CONTRACTOR's scope of work is defined in general and shall include all other items/works required to complete the job in all respects whether specifically mentioned or not in the tender documents.

3.5.1 Civil Scope of Work

3.5.1.1 Earth cutting/ filling with imported earth/borrowed earth, compaction and micro grading of the Tank Farm area for obtaining finished grade level (FGL), as per approved plot plan is in contractor's scope. A tentative Soil FGL (114.900m lvl) and the FGL will be approx 1.0m (average height) above the Highest Flood Level. However, this FGL may change depending upon project operational requirements, plot plan optimization, etc. during plot plan finalization at the time of detail engineering. No extra time and cost implication upon overall project shall be entertained in case approved FGL is different from tentative FGL as decided during detail engineering. Further, the earth filling above NGL has to be stabilized in 1H: 1V slope upto FGL.

3.5.1.2 Setting out of works from the grid benchmarks which shall be established by the CSC CONTRACTOR as directed by OIL/CONSULTANT

- 3.5.1.3 Earthwork excavation in all types of soil including de-watering to the required levels including shoring & strutting wherever required.
- 3.5.1.4 Backfilling after completion of works
- 3.5.1.5 Disposal of unserviceable materials/ earth/ debris etc. outside the plot. CSC CONTRACTOR to assess the lead by visiting the site physically.
- 3.5.1.6 Foundation for all storage tanks.
- 3.5.1.7 Plain Cement Concrete under the pile cap and for any other RCC foundation and for all depths.
- 3.5.1.8 Construction of dyke wall, Flooring inside the dykewall.
- 3.5.1.9 RCC Bored cast-in-situ piles as per specification.
- 3.5.1.10 RCC pile cap including supplying and placing of reinforcement and shuttering as per specification.
- 3.5.1.11 Cutting of pile heads, extension of pile reinforcement rods to the lap length requirements wherever required and carrying out pile cap and Pedestal works.
- 3.5.1.12 Shuttering works including curved shuttering for various type of foundation & all RCC elements.
- 3.5.1.13 Removal of any expansive soil below foundations and suitable treatment of soil below foundations as per requirement and as per soil investigation report.
- 3.5.1.14 Brick masonry/RR masonry/RCC works for tanks, valve pits inside/outside the dyke wall etc.
- 3.5.1.15 Completion of Structural Steel Works inside the dyke wall as per drawings such as structural steel works like walkway platforms, pipe supports etc., which includes supply, fabrication, and erection.
- 3.5.1.16 Fire-proofing for structural steel works using appropriate materials as directed (If any).
- 3.5.1.17 Supply and installation of MS Gratings and Chequered plates.
- 3.5.1.18 Grouting pockets, holes, pipe sleeves of any shape or size, column bases etc.,
- 3.5.1.19 RCC Hume pipes for Electrical/Instrumentation crossing the dyke wall etc.,
- 3.5.1.20 Oily water sewer system (OWS)/ Contaminated rain water system (CRWS) and related underground piping works inside the dykewall.
- 3.5.1.21 Barricading of working area, wherever required, during execution of work and dismantling of the same after completion of work.

3.5.1.22 RCC pipe Sleepers, Cross over platforms, Structural supports inside the dyke wall etc.,

3.5.1.23 Any work due to change in specifications/design must be approved from OIL/CONSULTANT in advance /prior to start of the work.

3.5.2 Mechanical Scope of Work

3.5.2.1 Preparation and submission of detailed drawings including plate cutting details, shell plate, bottom plate, roof & structure, nozzles details, appurtenances details, rafter design and its calculation, design of Cathodic protection, CFD analysis for Side entry mixer etc.

3.5.2.2 Submission of GA Drawings / Datasheet for Side entry mixer, motor datasheet, PVRV & Emergency vent hatch datasheet, Cathodic protection arrangement, etc. for OIL / CONSULTANT approval.

3.5.2.3 Procurement, supply, and transportation to worksite including loading, unloading, handling and safe storage inside the Plant premise for the tank plate material, piping (Fire water ring, Foam, any piping from tank bottom to roof, Dip piping) with supports, manholes & nozzles, anchor chairs & bolts, curb angle, wind girders, settlement marker, side entry mixers, heating coil, bottom sump, earthing boss, PVRV, Emergency hatch, painting, consumables like welding electrodes, fillers, wires including spares etc. as per the requirements of Tank General arrangement drawings, specification, standards, instructions of OIL/ Engineer-in-Charge and other provisions of Contract.

3.5.2.4 Any materials/items not specifically mentioned but required for completion of work shall also be under the Contractor's scope. Costs of all such materials/items shall be considered by Contractor while quoting.

3.5.2.5 Tank shall be erected using Jacking-up method / part fabrication at shop and then final assembly at site. All the site erection procedure to be duly approved by OIL/CONSULTANT.

3.5.2.6 All cutting, shaping, strengthening, straightening, making smooth & straight edges, rolling, making grooves for welding etc., including fabrication, erection and other works shall be carried out to the satisfaction of site Engineer-In-Charge.

3.5.2.7 All welding shall be carried out using qualified Welding Procedure Specification (WPS) and Qualified welder shall be deployed for welding. WPS, PQR and Welding Performance Qualification Record (WPQ) documents shall be submitted to OIL/CONSULTANT for approval.

3.5.2.8 Erection of Loose supplied items on Tanks such as Foam Maker, Spray nozzles etc. are in CSC CONTRACTOR scope.

3.5.2.9 CSC CONTRACTOR shall provide Quality assurance plan for the job, WPS/PQR, erection sequence drawings, site erection procedure, NDT, hydro-pneumatic test procedure etc. for OIL/CONSULTANT's approval within one month after award of Contract.

3.5.2.10 All welding jobs shall be carried out by qualified welders using welding procedures that has already been qualified to the requirement of code and specifications etc. and approved by the authorized inspection authority before starting any fabrication job.

3.5.2.11 Tank shall be hydro tested as per the Code requirements. CSC CONTRACTOR shall make necessary arrangements for the Potable water, pump, hoses, fittings etc. Tank bottom plate shall be tested using Vacuum box. After completion of the hydro-pneumatics & vacuum box test, the Contractor shall clean and remove, rubbish etc. from the inside / outside of the tanks which may have accumulated during the tests till tank becomes clean and dried.

3.5.2.12 Radiography and other NDE testing as per code requirements shall be performed by the Contractor.

3.6. General scope of work

The procurement and supply in sequence and at appropriate time of all materials and consumables required for the completion of the works shall be the responsibility of the CSC CONTRACTOR and prices quoted shall be deemed to be inclusive of such materials. The supply shall include these materials but not limited to the following:

3.6.1 Tools, tackles and machinery required for cutting, fitting, welding, brazing, cleaning, grinding and threading. All equipments (like torque wrench and hydraulic bolt tensioning equipments) required to tighten the flange joints to desired level.

3.6.2 Supply of equipments for surface preparation like grit blasting etc. as per drawings, specifications or instructions of Engineer-in- Charge.

3.6.3 If necessary, modification and enabling of pipe routing shall be performed as per SOR item, however prior approval from Engineering-in-charge is required.

3.6.4 Supply of Welding machine, ELCB, panel for welding machine connection and energy meter will be in the scope of contractor. The cable of the electrical panel should be glanded with double compression gland and the panel should be sealed. The welding machine, cable, energy meter etc., must possess valid test certificate at the time of use.

3.6.5 For machine connection no joints will be allowed in the cable. CSC CONTRACTOR has to ensure that machine connection at hot work site should be done without any joint in the connection cable. CSC CONTRACTOR has to arrange the cable for all lengths for connection from power source to welding machine without joints.

3.6.6 All construction and testing equipments including jacking system and hydro-test pumps etc.,

3.6.7 Radiography films and other consumables etc., for radiography and all other NDT.

- 3.6.8 Supply of all kind of paint items required for external painting of piping, grit blasting etc., are in the scope of CSC CONTRACTOR.
- 3.6.9 All industrial gases such as oxygen, acetylene, inert gases, all types of electrodes, filler wire, flux wire, brushes, etc.
- 3.6.10 Bolts / Anchor fasteners, nuts, washers, spring washer including hangers, U-bolts with nuts, clamps, graphite and Teflon pads to achieve low friction in supports, line angle, beam etc for pipe supports, structural steel plates / angles / sections for pipe supports, platforms, ladders and stairways and for all miscellaneous structure, supporting steel plates, wires, and strip for attachment of steam tracers etc.
- 3.6.11 Shims, wedges, and packing plates (machined wherever required).
- 3.6.12 All materials such as hydraulic pumps, metallic blinds, temporary gaskets etc. and arrangement required for pressure testing.
- 3.6.13 Supply of all steel scaffolding materials and barricading materials like base plate, toe guard, CGI Sheets, GI wire, MS rods, temporary platforms, aluminum ladder and all other items required for scaffolding and barricading for hot jobs will be in CSC CONTRACTOR's scope.
- 3.6.14 Supply of MS flats, Anchor fasteners, stiffeners for small bore (1.5" & below) branches, Corrosion pads and Galvanized chequered plates.
- 3.6.15 Arrangement for compressed air, blinds, temporary gaskets etc. and arrangement required for pneumatic pressure testing. Compressor for pneumatic testing shall be suitable for testing the lines at 7 to 8 Kg/cm² g pressure.
- 3.6.16 Arrangement & supply of chemicals, consumables, potable water and other testing equipments required for chemical cleaning, pickling & passivation of lines.
- 3.6.17 All sealing and protecting materials required for protecting materials / equipments supplied by owner / contractor.
- 3.6.18 Oil, grease, graphite/ Teflon pads, molykote, sealing tapes, cleaning agents including acids for cleaning of internals/packing/through/tray etc.
- 3.6.19 Protective cloth and water hoses for fire and safety protection as required.
- 3.6.20 Davit and Chain pulley block as per requirements.
- 3.6.21 Supply of all items required for erection comprising of:
 - a. Sufficient Hydraulic jacks during pipe erection by jacking method with valid test certificate.
 - b. MG / Rectifier sets for welding purpose.
 - c. DG sets for welding purpose

- d. Sufficient tools & tackles and machineries like grinding machine, drill machines etc.
- e. Portable welding machines.
- f. Sufficient number of ELCBs for connection of welding machine.
- g. Electrical technician for connection of welding machines.
- h. Hoisting rope
- i. Direction pulley on ground, Guide pulleys
- j. Motor for hoisting rope, along with fixing bolts and structural support members, as required.
- k. Thimble for fastening hoisting rope to lifting beam.
- l. Supports for ground winch and direction pulley with foundation bolts, as necessary.
- m. Welding/fixing of bearing brackets on the platform and support arms on the stack.
- n. Structural members as necessary for supporting the guides for lifting beam during lowering/hoisting.
- o. Tip lowering/hoisting guides.
- p. Supply of pipe (IS1239 pipe) for handrails and chequered plates.

3.6.22 All safety equipments required for safe conduct the job, avoid accidents and keep good housekeeping and environment.

3.6.23 Supply, fabrication, welding of hot dip galvanized plates, for earth wire lug connection required for earthing of pipes as required.

3.6.24 Sand for filling the RCC trenches and earth for back-filling the excavated trenches for all underground piping.

3.6.25 Structural steel required for modifications / extension of platform, providing additional platforms, ladders, jump overs etc. to improve accessibility, wherever required.

3.6.26 All other materials though not specified above but required for completion of the work as per specification, drawings and instructions of the Engineer-in-charge.

3.6.27 All consumables and materials required for firefighting system.

3.6.28 Tape/ Tape coating material for underground piping as required.

3.6.29 Supply of construction materials, temporary supports for the purpose of isolation of equipment during removal stage, labor, arranging boarding and lodging for the Contractor's personnel at site, tools, tackles, cranes for heavy

lifts, chain pulley blocks, consumables and accessories not specifically mentioned herein but nevertheless necessary, for the fabrication, construction, installation, mechanical completion, testing and commissioning of the complete system is also part of scope of works.

3.6.30 CSC CONTRACTOR shall arrange water and power for construction activities fabrication, testing and commissioning. OIL shall not provide power and water from any source.

3.6.31 The temporary facilities under the CSC CONTRACTOR's scope.

- Temporary fences, Security fences as per safety requirement.
- Material lay-down area
- Fire fighting facilities
- Warehouse facilities for various items
- CSC CONTRACTOR's site office
- Workshop facilities
- Fabrication areas including shot blasting and painting areas
- Electrical distribution
- Construction water receipt, storage and distribution
- Temporary drainage system including that for heavy rains in monsoon
- Labour camps (on land to be arranged & acquired by CONTRATOR)
- Canteen, toilet and other facilities including soak pits, for construction labour
- Area lighting
- First aid facilities and dedicated ambulance
- Construction power, construction air and power for the installation/testing

3.7. General requirements

3.7.1 CSC CONTRACTOR is required to take necessary care to protect to the existing nearby structure while carrying out his scope of work. Any damage caused to other property shall be rectified at his own cost.

3.7.2 The CSC CONTRACTOR shall cooperate with other contractors for smooth execution of project related works along with the works covered under this contract. The CSC CONTRACTOR shall extend full co-operation to the Contractors and the works shall be carried out in such a way as not to affect the progress of the project. Any damage caused to other works shall be rectified by the Contractor at their entire risk and cost.

3.7.3 All construction works be carried out as per "Approved for Construction" drawings, procedures, specifications and applicable codes and standards. Any

changes at site shall also need prior approval from the OIL / CONSULTANT and revision of drawings.

- 3.7.4 Bill of quantities is approximate and payment shall be made as per actual certified measurements. The CSC CONTRACTOR is not entitled for any sort of compensation towards excess materials procured / stored during the progress of works.
- 3.7.5 All expenses towards mobilization & demobilization including bringing in equipment, clearing the site etc. shall be deemed to be included in the prices quoted and no separate payments on account of such expenses shall be entertained.
- 3.7.6 It shall be entirely CSC CONTRACTOR's responsibility to provide, operate & maintain necessary construction equipments, scaffoldings and safety gadgets, cranes and other lifting tackles, tools and appliances to perform the work in a workman like and efficient manner & complete all jobs as per time schedules.
- 3.7.7 Preparing approaches and working area for movement and operation of the cranes, leveling the areas for assembly and erection shall also be the responsibility of the CSC CONTRACTOR.
- 3.7.8 CSC CONTRACTOR shall arrange land for Fabrication and storage of fabricated material near to the site. CSC CONTRACTOR shall provide all weather fabrication sheds at their fabrication yard for all prefabrication of piping and structural works to the satisfaction of Engineer-in-charge.
- 3.7.9 As per CEA (Central Electricity Authority) Regulation 32 (Measures relating to safety and electric supply-Amendment 2015), all generators of capacity above 15kVA (capacity to be fixed time to time) shall be inspected and approved by Central Electricity Authority. It is the statutory requirement to be followed by one and all who owns and operate generator sets. This is a mandatory conditions to comply as there will be extensive use of DG sets for various purpose. This shall not be exempted or waived even if the requirement is for one day.

3.8. Construction Manpower

- 3.8.1 The CSC CONTRACTOR shall position an effective project management team at site consisting of RCM, Lead engineers in Mechanical, Civil, Electrical, QC/QA Engineer and dedicated HSE Engineer etc. as tabulated below.
- 3.8.2 The table stipulates only the minimum manpower required at site, any additional engineers / technical staff shall be positioned based on the requirements at site at no additional financial implication to OIL.

S. NO.	Description	No. of Person
1	RCM / Site In-charge	1
2	Lead discipline Engineer	

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**Mechanical construction works
for GGS, East Khagorijan**
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S. NO.	Description	No. of Person
2.1	Mechanical	2
2.2	Civil / Structural	1
2.3	Welding/NDT	1
2.4	QA/QC Engineer	1
2.5	Planning Engineer	1
2.6	Safety officer / Supervisor	As per HSE norms / OIL requirements
3	W/H in-charge / Material management	1
4	Quantity surveyor	1
5	Discipline Engineer & Supervisor	
5.1	Mechanical	2 + 2
5.2	Civil / Structural	2 + 2
5.3	Welding / NDT	1 + 2
5.4	Electrical	1 + 2
5.5	Stores	1 + 2
6	Accounts staff	As requires
7	Licensed Electrician	2

CSC CONTRACTOR shall submit the CVs of key personnel for approval of OIL/CONSULTANT. CSC CONTRACTOR is responsible for arranging the manpower as required by Engineer-in-charge to complete the work within the schedule.

3.9. Execution of Works

3.9.1 The CSC CONTRACTOR shall submit on receipt of the work order and before starting the work, a detailed construction programme (PERTCHART using MS PROJECT package) chart adhering to the completion time quoted in the work order. The program thus submitted shall form a part of the contract and shall be binding on the contractor. However, OIL reserves the right to alter the programme if necessary. No claim whatsoever of the CSC CONTRACTOR on this account will be entertained.

3.9.2 CSC CONTRACTOR shall consider provision of necessary DG sets, wiring, poles, light fixtures, Distribution boards, so as to illuminate the site & to carry out works beyond sunset. The rates quoted shall be inclusive of the above.

3.9.3 CSC CONTRACTOR should submit list of minimum construction equipment, tools & tackles to be deployed at site for completion of the work within the stipulated completion time. On award of works, the details submitted by the successful bidder shall be reviewed by OIL/CONSULTANT during the Kick off Meeting & approved along with Construction Program to be adhered to for execution of works within the stipulated timelines.

3.9.4 All materials required for execution of work will be reviewed and approved by OIL/CONSULTANT before they are brought to the site and also before being actually put to use. All facilities/equipment required prior inspection of materials and subsequent inspection of work to be made available by the CSC CONTRACTOR for inspection by OIL/CONSULTANT.

3.9.5 Entire works shall be carried out under the supervision of Engineer-in-charge AND/ OR the authorized representative of OIL / CONSULTANT.

3.9.6 CSC CONTRACTOR to submit the detailed list / key construction equipment to be mobilized during the execution of contract.

3.10. Project scheduling & monitoring

The following Schedules/documents/reports shall be prepared and submitted by the CSC CONTRACTOR for review/approval at various stages of the Contract.

3.10.1 Overall Project Schedule

The CSC CONTRACTOR shall submit within 2 weeks of Fax of Intent/ Fax of Acceptance, a sufficiently detailed overall schedule in the activity network form, clearly indicating the major milestones, interrelationship/interdependence between various activity together with analysis of critical path and floats.

The network will be reviewed and approved by Engineer-in-Charge and the comments if any, shall be incorporated in the network before issuing the same for implementation. The network thus finalized shall form part of the contract document and the same shall not be revised without the prior permission from Engineer-in- Charge during the entire period of contract.

3.10.2 Progress Measurement Methodology

The CSC CONTRACTOR is required to submit within four weeks of award of work, the methodology of progress measurement of sub-ordering, manufacturing/delivery, sub- contracting, construction and commissioning works and the basis of computation of overall services/physical progress informed. OIL/CONSULTANT reserves the right to modify the methodology in part or in full.

3.10.3 Functional Schedules

The CSC CONTRACTOR should prepare detailed functional schedules in line with network for functional monitoring and control and submit scheduled progress curves for each function viz. ordering, delivery and construction.

3.10.4 Project Review Meetings

The CSC CONTRACTOR shall present the programme and status at various review meetings as required.

3.10.4.1 Weekly Review Meeting

Level of Participation: CSC CONTRACTOR's RCM with Engineers and OIL/CONSULTANT's Area Coordinators and Job Engineers

Agenda:

- a) Weekly programme v/s actual achieved in the past week & Programme for next week.
- b) Remedial Actions and hold up analysis.
- c) Client query/approval.

Venue: As decided by Engineer-In-Charge.

3.10.4.2 Monthly Review Meeting

Level of Participation: Senior Officers of OIL/CONSULTANT and CSC CONTRACTOR

Agenda:

- a) Progress Status/Statistics.
- b) Completion Outlook.
- c) Major hold ups/slippages
- d) Assistance required
- e) Critical issues
- f) Client query/approval

Venue: As decided by Engineer-In-Charge.

Progress Reports

3.10.4.3 Monthly Progress Report

The report shall be submitted on a monthly basis within ten calendar days from cut-off date as agreed upon, covering overall scenario of the work.

The report shall include but not be limited, to the following:

- a) Brief introduction of the work
- b) Activities executed/achievements during the month.

- c) Scheduled v/s actual percentage progress and progress curves for sub-ordering, manufacturing/delivery, sub-contracting, construction, overall and quantum – wise status of purchase orders against scheduled.
- d) Areas of concern/problem/hold ups, impact and action plans.
- e) Resources deployment status
- f) Annexure giving status summary for Material Requisitions & deliveries, sub- contracting and construction.

Distribution: OIL - Two copies / CONSULTANT – Two copies

3.10.4.4 Weekly Report

This report will be prepared and submitted by the CSC CONTRACTOR on weekly basis and will cover following items:

- a) Activities programmed and completed during the week.
- b) Resources deployed man and machine.
- c) Qty. achieved against target in construction.
- d) Record of Man-days lost.
- e) Construction percentage progress, scheduled and actual.

3.10.4.5 Daily Report

This report will be prepared and submitted by the CSC CONTRACTOR on daily basis and will cover following items:

- a) Resources deployed man and machine.
- b) Qty. Achieved against target in construction.
- c) Record of Man-days lost.
- d) Construction percentage progress, scheduled and actual

3.11. Clearing the site of works

3.11.1 CSC CONTRACTOR shall arrange to dispose of debris and any other waste product created while carrying out the work, outside OIL premises. The CSC CONTRACTOR shall take due care while disposing of such waste materials and ensure that any rules/ regulations laid down by Municipal Corporation or any other statutory body are not violated. The CSC CONTRACTOR shall be responsible and answerable to any complaint arising out of improper disposal of waste material. Quoted rate shall involve the cost of same and no extra payment shall be made towards this account.

3.11.2 The CSC CONTRACTOR shall clear the site of works as per the instructions of the Engineer-in-charge. The site of works shall be cleaned of all men, site

equipment, materials, etc., and shall be delivered back to the Company in a clean and neat condition as required by the Engineer-in-charge within a period of one week after the job is completed after ensuring that all surfaces spoiled during the works such as floors, walls, glass panels, etc are spotless clean.

3.11.3 With regard to empty modular boxes / containers, the CSC CONTRACTOR to transport and handover to OIL / authorized agency as per the instruction of Engineer-in-charge.

3.11.4 No extra payment shall be paid on the account. The rates quoted in SOR are deemed to be inclusive of all the costs towards all the above activities as well.

3.12. Measurement of Work

3.12.1 Complete in all respect as per as per drawings, technical specifications, SOR items, GCC and relevant documents provided with this tender or after award of work.

3.12.2 All the payment for quantities certified in the running account/ final bill shall be as per the details recorded in the standard measurement book/ SAP SES of the Corporation and jointly signed by the Contractor/ site engineer.

3.12.3 The payment shall be as per the details entered in the standard Measurement Certificate bills of the Corporation.

3.13. Method of Inspection

3.13.1 The contractor must strictly follow all clauses of OISD-118 & OISD-116. Inspection checklists are to be prepared as per OISD standard or as per instructions of Engineer-in Charge.

3.13.2 Inspection of piping system to be as per code/standards/drawings/ITP.

3.14. Handing over for Commissioning

3.14.1 After the mechanical completion while handing over to the client or to the commissioning agency, the Contractor shall provide a list of construction defects, rectified by them. The Owner or commissioning agency will check the Contractor's work before taking over.

3.14.2 The Contractor shall also provide a team of skilled & semi-skilled labour to client or to the commissioning agency during their commissioning period if requisitioned by them.

3.14.3 If some defects are noticed during commissioning and are attributed to Contractor, the Contractor shall arrange to rectify same to the satisfaction of Engineer-in-Charge.

4.0 MINIMUM DELIVERABLES

List of documents to be submitted by CSC CONTRACTOR during contract execution phase for review / approval by OIL / CONSULTANT [after award of contract] is listed below.

Documents specified below are the minimum requirements; CSC CONTRACTOR shall submit any other additional documents / drawings required for the completion of project as per CONSULTANT instruction during detail engineering. The submission dates to be finalized during kick-off meeting.

Sl. No.	DOCUMENT DESCRIPTION
4.1 PROJECT MANAGEMENT	
4.1.1	Master Document schedule (MDS) / Document Control Index (DCI) for all disciplines
4.1.2	Organisation chart
4.1.3	Project Execution plan
4.1.4	Vendor document register for each package
4.1.5	Technical query Register
4.1.6	Planning schedule
4.1.7	Procurement plan
4.1.8	Progress Report (Weekly and Monthly)
4.1.9	List of Sub-Vendors
4.1.10	Manufacturing/Fabrication Plan and Procedure
4.1.11	Un-priced purchase order copy along with specification
4.1.12	Dispatch list
4.2. MECHANICAL	
4.2.1	Datasheet and GA Drawing for the Valves
4.2.2	Datasheet & GA Drawing of Specialty items such as Strainer, Sample collection kit, Flame arrestor, Bug screen, Safety shower & eye wash station, etc.
4.2.3	Detailed Fabrication drawing for the API 650 Storage tanks indicating Shell plate, Bottom plate and Roof plate details
4.2.4	Tank appurtenances / Nozzle detail drawings
4.2.5	Wind Girder detail drawing
4.2.6	Datasheet & GA of Side entry mixer
4.2.7	CFD analysis for Side entry mixer
4.2.8	Datasheet for PVRV, Emergency vent, Dip hatch etc.

Sl. No.	DOCUMENT DESCRIPTION
4.2.9	Design calculation & GA Drawing for Overhead tank
4.2.10	Tank – Heating coil design calculation & arrangement drawing
4.2.11	Thermal Insulation details
4.2.12	Name plate drawing for each equipment
4.2.13	Site mark-ups in Isometrics for site modification works
4.2.14	Isometrics for site routed piping
4.3 ELECTRICAL	
4.3.1	Electrical load list
4.3.2	Cathodic protection details for tanks
4.3.3	Electrical tracer details
4.3.4	Electrical material take-off
4.3.5	Tie-in point schedule
4.3.6	Electrical cable schedule
4.3.7	Data sheet for motor
4.4 STRUCTURAL	
4.4.1	Tank Staircase detail drawing
4.4.2	Access platform, Handrail detail drawing
4.4.3	Tank roof structure design calculation and fabrication drawing
4.5 QUALITY CONTROL	
4.5.1	Inspection, Testing & Quality plan
4.5.2	Material test Certificates
4.5.3	WPS &PQR, WPQ, Welding qualification records
4.5.4	NDT requirements/procedure & record
4.5.5	Painting/Coating Procedure & Result
4.5.6	Test Procedure & Report (Including FAT / SAT)
4.5.7	Dimensional Control Reports/Dimension Inspection Reports & Weighing Reports

Sl. No.	DOCUMENT DESCRIPTION
4.5.8	Shop & Fabrication Inspection Plan
4.5.9	Notice of Inspection
4.5.10	Inspection & Test Report and Non Conformance Report / Register
4.5.11	Fabrication Inspection Final Books
4.5.12	Scope of TPI authority
4.5.13	Material Traceability Reports
4.6 MDR (MANUFACTURER DATA RECORD)	
4.6.1	Operating & Maintenance manuals
4.6.2	Lubrication schedule
4.6.3	Product Catalogues
4.6.4	Priced Spare Parts List with Part no. and Inter-changeability Record
4.6.5	Spare parts list
4.6.6	Packing, Transportation, Storage and Installation procedure
4.6.7	As-built documents, drawings & manuals

The CSC CONTRACTOR shall maintain an up to date drawing & document register and monitor drawing & document issued. This register shall list all drawings & documents used in the design and construction. The drawing register shall be a controlled document and shall be kept updated / revised and shall be issued on A3 / A4 size sheets.

5.0 DOCUMENTATION

CSC CONTRACTOR shall follow the documentation procedure as mentioned below for the drawings / documents submitted for CONSULTANT approval and records.

- 5.1 CSC CONTRACTOR shall follow the Drawing and Document template as per the format provided by CONSULTANT.
- 5.2 Drawing and documentation are accepted by the CONSULTANT if the same is signed by the CSC CONTRACTOR as checked and approved in the coversheet.
- 5.3 All the drawings & documents have to be prepared by the CSC CONTRACTOR in a presentable manner with all texts in the English language.
- 5.4 Drawings shall show all necessary dimensions and details required for interface information and installation.

- 5.5 All revised drawings and documents shall clearly show revision cloud, revisions with the issue date and the CSC CONTRACTOR checked and approval signature.
- 5.6 Drawings shall be in AUTOCAD format, other documentation shall be in Microsoft Office format (Excel / Word / Power Point / Access).
- 5.7 CSC CONTRACTOR shall provide six (6) sets of final approved documents and laminated drawings and 3 sets of soft copies (2 copies in CD-ROM and 1 copy in Flash Drive) of all the Final/As-Built documents listed in the minimum document requirement list.
- 5.8 The Supplier, and his sub-supplier, shall operate a Quality Management System (QMS) to ISO 9001 applicable edition. A detailed quality plan shall be provided with the bid.
- 5.9 The CONSULTANT reserves the right to carry out quality and technical review at both supplier's and sub-supplier's works.

6.0 STATUTORY APPROVALS

Statutory regulations as required during the execution of the contract shall be adhered to for engineering, preparation of drawings / documents, fabrication, manufacturing, purchased items, construction and commissioning.

Statutory approval / permissions from any authorities as per statutory rules and regulations of Central / State Government shall be CSC CONTRACTOR's responsibility. The application on behalf of the Owner for submission to relevant authorities along with copies of required certificates complete in all respects shall be prepared by the CSC CONTRACTOR well ahead of time so that the actual construction / commissioning of the work is not delayed for want of approval / inspection by concerned authorities.

Any additions / changes / modifications required to be made to meet the requirements of the statutory authorities / regulatory boards shall be carried out by the CSC CONTRACTOR without any extra cost to the OIL and shall have no implication on time schedule.

7.0 PROCUREMENT

- 7.1 The procurement to be carried out by the CSC CONTRACTOR shall cover the purchasing including ordering and supply, inspection, expediting, custom clearance where applicable, transportation to site, stores management which includes preservation and storage of equipment and materials, uncovered storage, air conditioned storage and open storage.
- 7.2 Before ordering any equipment and material the Contractor shall submit the purchase requisition and obtain approval from the OIL / CONSULTANT. Any items ordered which do not conform to the contractual requirement identified at any stage of the project, shall be rejected. Replacement / modification leading to cost implication, project delay arising out of any kind of rejection of equipment and materials shall be solely to the CSC CONTRACTOR's account.

7.3 CSC CONTRACTOR shall carry out Inspection and expediting services for all the bought-out items as per ITP and submit the inspection reports to CONSULTANT review.

8.0 MATERIAL CODING

CSC CONTRACTOR shall provide unique asset code for every individual equipment / item in their scope of supply.

9.0 QUALITY CONTROL

OIL/CONSULTANT reserves the right to appoint independent Third Party Agency for quality control/quality surveillance of materials and fabrication activity.

10.0 INSPECTION AND TESTING

10.1 Inspection Test Plan shall be submitted to CONSULTANT for approval before starting the fabrication work. All inspections / tests / Certificates shall have approval of CONSULTANT.

10.2 CSC CONTRACTOR shall provide the certification of material compliance in accordance with EN 10204, Type 3.1 for all materials used in pressure parts and EN 10204, Type 2.2 for non-pressure parts.

10.3 The testing and inspection shall be in strict accordance with the design code / standard requirements and OIL/CONSULTANT approved ITP.

10.4 All the tests either on the field or at outside laboratories concerning the execution of the work and supply of materials by CSC CONTRACTOR shall be carried by the contractor at his cost.

10.5 The right to witness all inspection and Non-Destructive Test from raw material certification till final stage of inspection is reserved by CONSULTANT /OIL and their TPI agency.

10.6 All test procedures shall be forwarded to the CONSULTANT for approval.

10.7 CONSULTANT / OIL will inspect the various equipment and machinery during the various stages of construction and tests at the manufacturer's works. CSC CONTRACTOR shall intimate CONSULTANT / OIL, the location and date of inspection before four (4) weeks.

10.8 CONSULTANT / TPI may at his discretion examine the following

- Materials of construction of standard parts prior to start of work
- Quality of casting or machined parts
- Complete or part assembled units
- Functional testing and simulation of control system including local control panel.

11.0 PAINTING

- 11.1 Painting covers the general requirements like surface preparation, painting, application sequence, colour codes etc.
- 11.2 Paint selected shall be such that they should be able to withstand all weather conditions as well as atmospheric conditions of the plant area.
- 11.3 The Paint Material, colour coding, Procedure of application, Selection etc. shall be as per specification for surface preparation and painting.

12.0 INSULATION

- 12.1 Insulation of Pipe, equipment etc. shall be as per “Specification for Insulation”.
- 12.2 The CSC CONTRACTOR shall be responsible for the provision of all necessary insulation like heat conservation or the safety and protection of personnel in accordance with the “Specification for Insulation”.

13.0 MARKING

In case the package is necessary to separate into different parts for the transportation all components and subassemblies shall be carefully identified and match marked to prevent any error in assembly.

All loose components such as studs, nuts, washer, gasket etc., shall be packed in crates and shall be marked for the project, consignee, consigner, job number, item number, order number, gross and net weight, dimensions etc. A copy of loose component list shall be enclosed in a water tight envelope.

Additional indications such as North / East / South / West along with (COG) centre of gravity shall be clearly marked with white paints.

Equipment / piping which have been post weld heat treated or have an applied lining, e.g. lead glass, rubber etc., shall have a suitable warning printed on the visible portion on the outside of equipment / pipe.

14.0 TRANSPORTATION

CSC CONTRACTOR shall arrange to transport the equipment to site location at East Khagorijan (Dibrugarh district) of Assam. The CSC CONTRACTOR shall consider the limitation of transportation dimension to site.

CSC CONTRACTOR shall carry out the route survey for transportation of Items / Equipment from source of manufacture/supply to site well in advance of placement of order to ensure unhindered transportation of the same to construction site.

The CSC CONTRACTOR shall latch and secure the pipes during transportation in a manner to ensure that pipes shall not slip off and cause damage, dent and wrap due to over balance during transportation. The wire

ropes used for lashing should have rubber padded to prevent to damage to pipe.

15.0 TECHNICAL COMPLIANCE

CSC CONTRACTOR must furnish answers/clarifications/confirmations of all the following queries and submit along with offer. CSC CONTRACTOR shall indicate the reply in the space provided in the Technical Questionnaire. In case space provided is not adequate, the reply may be furnished separately under suitably numbered annexure /attachments duly referred against the comment/query.

The Compliance Statements/Queries are required to be categorically confirmed /answered by the bidder and the completely filled in Tech Questionnaire shall be submitted together with the Bid.

Sl. No.	COMPLIANCE STATEMENT/ QUERY	CSC CONTRACTOR's CONFIRMATION
15.1	Confirm that the Tender Documents including Technical and commercial parts have been completely evaluated/assessed and the Bid is in accordance with the requirements of the Tender Document.	
15.2	Confirm that all requirements as per tender documents including Terms of Reference, Volume-II - technical documents and Codes & Standards shall be complied without any deviation. Deviations, if any against the above mentioned documents shall be duly consolidated under deviation list and submitted for CONSULTANT approval. In case no deviations are furnished, it shall be construed that CSC CONTRACTOR's proposal is in total compliance to tender document requirements.	
15.3	Any deviations/deletions/corrections made elsewhere in the body of the bid (on specs etc.) other than deviation list will not be taken cognizance of and all such deviations shall be deemed to have been withdrawn by the CSC CONTRACTOR. Confirm compliance.	
15.4	Confirm that all costs resulting from safe execution of WORK, such as safety induction, use of protective clothing, safety glasses and helmet, safety precaution taken during monsoon, or any other safety measures to be undertaken by the Contractor for execution of work are included in the quoted rates.	

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical construction works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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Sl. No.	COMPLIANCE STATEMENT/ QUERY	CSC CONTRACTOR's CONFIRMATION
15.5	Confirm that the QA/QC programme is available or formulated for execution this work. In case of award of work, all QA/QC documents shall be submitted as per the specification.	
15.6	Co-ordination and making available by Contractor of all manpower, construction equipment, tools, cranes, etc. and materials as required for a timely completion of all WORK as per OIL/CONSULTANT's requirements for the construction and priority schedule are included in the quoted rates.	
15.7	Confirm that the Minimum Manpower, Minimum required Construction Equipment & Qualification & Experience requirement of the Key personnel deployed are in compliances to the specification requirements.	
15.8	Equipment data sheets, performance data for the selected vendor/ equipment model shall be subject to OIL/ CONSULTANT approval, during package engineering. Confirm compliance.	
15.9	Compliance of MOC for equipment / components as per Volume-II specifications / documents or superior MOC if required for the package shall be offered.	
15.10	Confirm inclusion of Structural platforms, ladders / stairs, handrails, support etc.	
15.11	CSC CONTRACTOR shall confirm to furnish the schedule of submission of drawings, documents during kick-off meeting after order placement. Drawing / documents schedule shall be in compliance with clause no.4 of Terms of reference.	
15.12	Confirm that warranty of all equipment is included in CSC CONTRACTOR's scope of work.	
15.13	Confirm that all Inspection & Tests shall be carried out as per OWNER / CONSULTANT approved ITP.	

CONSTRUCTION SERVICE CONTRACT (CSC-4)

Mechanical construction works
for GGS, East Khagorijan
IFB No. CPI0101P19

Sl. No.	COMPLIANCE STATEMENT/ QUERY	CSC CONTRACTOR's CONFIRMATION
15.14	Confirm that Erection & Commissioning Spares as required for each equipment have been included by the CSC CONTRACTOR in his proposal. Further, in case any spare is consumed over and above the quoted commissioning spares during start-up/ commissioning, the same shall be supplied free of cost.	

Bidder's Signatures, with Stamp and Date

END OF VOLUME-1 Part-3 SECTION-I

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VOLUME I: COMMERCIAL
PART III
SECTION - 2

SPECIAL CONDITIONS OF CONTRACT

VOLUME I: COMMERCIAL

PART III

SECTION - 2

SPECIAL CONDITIONS OF CONTRACT

1.0 GENERAL:

Special Conditions of Contract shall be read in Conjunction with the General Conditions of Contract, specification of work, Drawings and any other documents forming part of this Contract wherever the context so requires.

Notwithstanding the sub-division of the documents into these separate sections and volumes, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the Contract so far as it may be practicable to do so.

Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract (SCC), unless a different intention appears, the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall to the extent of such repugnancy, or variations, prevail.

Wherever it is mentioned in the specifications that the Contractor shall perform certain work or provide certain facilities, it is understood that the Contractor shall do so at his cost and the value of the Contract shall be deemed to have included cost of such performance and provisions, so mentioned.

The materials, design, and workmanship shall satisfy the relevant Indian Standards, the Job Specifications contained herein and Codes referred to. Where the job specification stipulates requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.

In case of an irreconcilable conflict between Indian or other applicable standards, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings or Schedule of Rates, the following shall prevail to the extent of such irreconcilable conflict in order of precedence.

- Contract Agreement
- Letter of Award
- Schedule of Rates
- Terms of Reference
- Technical/Material Specifications & Drawings
- Special Conditions of Contract.

- Instruction to Bidders and General Conditions of Contract.
- Indian Standards
- Other applicable Standards

It will be the Contractor's responsibility to bring to the notice of OIL/Consultant any irreconcilable conflict in the contract documents before starting the work (s) or making the supply with reference which the conflict exists.

In the absence of any Specifications covering any material, design of work (s) the same shall be performed / supplied / executed in accordance with Standard Engineering Practice as per the instructions / directions of the OIL/Consultant, which will be binding on the Contractor.

2.0 SCOPE OF WORK:

The scope of work in general includes scope of work specified in Technical Documents enclosed and Schedule of Rates enclosed in Commercial Section of the Bidding Document. Further, it includes any other work not specifically mentioned but required to complete the work as per specifications, drawings and instructions of OIL/Consultant.

Scope of work shall be read in conjunction with item description of Schedule of Rates and the Contractor's scope shall include all activities of work specified in the item description of Schedule of Rates.

Rates shall include all costs for the performance of the item considering all parts of the Bidding Document. In case any activity though specifically not covered in description of item under 'Schedule of Rates' but is required to complete the work which could be reasonably implied/informed from the content of Bidding Document, the cost for carrying out such activity of work shall be deemed to be included in the item rate.

3.0 SCOPE OF SUPPLY:

The Contractor shall supply Construction Work scope including all the materials, equipments, tools and tackles required for delivery in all respects as per the requirement enumerated in Technical Section of Bidding Document, at their sole cost and expense.

4.0 TIME SCHEDULE:

The Work shall be executed strictly as per time schedule given in Annexure- I to SCC. The period of completion given includes the time required for execution of the Contract in all respects to the satisfaction of the OIL / Consultant.

Project Execution Plan shall be prepared by the Contractor and approved by the OIL/Consultant. This programme will take into account the Time Schedule as mentioned in Annexure- I.

Weekly execution progress shall be reported to OIL/Consultant.

5.0 DRAWINGS AND DOCUMENTS:

The drawings accompanying the bid document (if any) are of indicative nature and issued for bidding purpose only. Purpose of these drawing is to enable the bidder to make an offer in line with the requirements of the Company. However no extra claim whatsoever shall be entertained for variation in the "Approved for Construction" drawings" regarding any changes/units.

All documents and drawings including those of the Contractor (if any), and sub-vendors/manufacture etc. shall be submitted to the OIL/Consultant for their review and approval. These documents /drawings from the Contractor/sub vendor shall be checked and approved by the contractor before submission.

Copies of all detailed working and drawings relating to the works shall be kept at the Contractor's Office and shall be made available to the OIL/Consultant at any time during execution of the Contract.

Approved Drawings Issued for Construction/Approval of drawing/documents (if any) by OIL/Consultant, shall not absolve the Repsonsibilty of the Contractor in meeting the Contractual Requirements.

The Contractor shall rectify any inaccuracies, errors and non-compliance to contractual requirements. Any delay occurring on this shall not construe a reason for delay/ extension.

6.0 FIRM PRICES:

The quoted price shall remain firm and fixed till the completion of work except for the statutory variations of GST.

7.0 GOVERNMENT OF INDIA NOT LIABLE:

It is expressly understood and agreed by and between the Contractor and the Company that the Company is entering into this agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood and agreed that the Government of

India is not a party to this agreement and has no liabilities, obligations or rights there under. It is expressly understood and agreed that the Company is an independent legal entity with power and authority to enter into contract, solely in its own behalf under the applicable laws of India and General Principles of Contract Law. The Contractor expressly agrees, acknowledges and understands that the Company is not an agent, representative or delegate of Govt. of India. It is further understood and agreed that the Govt. of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the Contract. Accordingly, the Contractor hereby expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Govt. of India arising out of this Contract and covenants not to sue to Govt. of India as to any manner, claim, cause of action or thing whatsoever arising of or under this agreement

8.0 INTELLECTUAL PROPERTY:

Neither the Company nor the Contractor nor their personnel, agents nor any sub-contractor shall divulge to any one (other than persons designated by the party disclosing the information) any information designated in writing as confidential and obtained from the disclosing party during the course of execution of the works so long as and to the extent that the information has not become part of the public domain. This obligation does not apply to information furnished or made known to the recipient of the information without restriction as to its use by third parties or which was in recipient's possession at the time of disclosure by the disclosing party. Upon completion of the works or in the event of termination pursuant to the provisions of the Contract, the Contractor shall immediately return to OIL all drawings, plans, specifications and other documents supplied to the Contractor by or on behalf of the Company or prepared by the Contractor solely for the purpose of the performance of the works, including all copies made thereof by the Contractor.

9.0 PROVIDENT FUND ACT:

The Contractor shall comply with the provisions of Employees Provident Fund Act and register them with RPFC as applicable.

10.0 ALTERATIONS IN DESIGNS, PLANS, DRAWINGS, SPECIFICATIONS ORDERS AND INSTRUCTIONS:

- a. The OIL/Consultant shall have the power, by written notice to the Contractor at any time prior to or in the course of the execution of works or any part thereof, to alter or amend the specifications, orders and/or instructions or any of them by addition, omission, substitution or otherwise howsoever with or without altering or

amending the plans, drawings and/or design and the Contractor shall carry out the related work in accordance with such altered specifications, orders, instructions, plans, drawings and/or designs as the case may be, on the same terms and conditions in all respects.

b. ALTERATION IN THE SCOPE OF WORK :

The OIL/Consultant may, at any time(s) before or after the commencement of the work, by notice in writing issued to the Contractor, alter the scope of work by increasing or reducing the works or the jobs required to be done by the Contractor or by adding thereto or omitting there from any specific works or jobs or operations or by substituting any existing works or jobs or operations with other works or jobs and/or operations or by requiring the Contractor to perform any additional works in or about the job site, and upon receipt of such notice the Contractor shall execute the job(s) as required within the altered scope of work.

11.0 TERMS OF PAYMENT:

Basis and terms of payment for making “On Account Payment” shall be as set out in Annexure-II to SCC.

12.0 TESTS AND INSPECTION:

Materials to be supplied by the Contractor under the scope of work shall be inspected as per the detailed scope provided in the Technical Part of Bidding Document.

The Contractor shall carry out the various tests as enumerated in the Technical Specifications of this bid document and the technical documents that will be furnished to him during the performance of the work.

All the tests either on the field or at outside laboratories concerning the execution of the work and supply of materials by the Contractor shall be carried out by the Contractor at his own cost.

The work is subject to inspection at all times by the OIL/Consultant. The Contractor shall carry out all instructions given during inspection and shall ensure that the work is being carried out according to the technical specifications of this bid document, the technical documents and the relevant codes of practice will be furnished to him during the performance of the work.

Any work not conforming to execution drawings, specifications or codes shall be rejected forthwith and the Contractor shall carryout the rectifications at his own cost.

All results of inspection and tests will be recorded in the inspection

reports, proforma of which will be approved by the OIL/Consultant. These reports shall form part of the completion documents.

Inspection and acceptance of work shall not relieve the Contractor from any of his responsibilities under this Contract.

The contractor shall submit certified Final Dimension Drawings to OIL/Consultant for their Review and approval.

13.0 QUALITY MANAGEMENT SYSTEM:

Bidder shall include in his offer the Quality Assurance Programme containing the overall quality management and procedures, which is required to be adhered to during the execution of contract. After the award of the Contract detailed quality assurance programme shall be prepared by the contractor for the execution of the Contract for various works, which will be mutually discussed and agreed to.

The Contractor shall establish document and maintain an effective quality assurance system outlined in recognised codes.

Quality Assurance System plans/procedures of the Contractor shall be furnished in the form of a QA manual. This document should cover details of the personnel responsible for the Quality Assurance, plans or procedures to be followed for quality control in respect of Engineering, Procurement, Fabrication, Testing, Preservation, Packing, Transportaiton and Supply to site. The quality assurance system should indicate organizational approach for quality control and quality assurance at all stages of work including at manufacture's works and dispatch of materials.

The OIL/Consultant or its representative shall reserve the right to inspect/witness, review any or all stages of work at shop/site as deemed necessary for quality assurance.

The Contractor has to ensure the deployment of Quality Assurance and Quality Control Engineer(s) depending upon the quantum of work. This QA/QC group shall be fully responsible to carryout the work as per standards and all code requirements. In case OIL/Consultant feels that the Contractor's QA/QC Engineer(s) are incompetent or insufficient, the Contractor has to deploy other experienced Engineer(s) as per requirement and to the complete satisfaction of the OIL/Consultant.

In case the Contractor fails to follow the instructions of the Consultant with respect to above clauses, next payment due to him shall not be released unless until he complies with the instructions to the complete satisfaction of the OIL/Consultant.

The Contractor shall adhere to the quality of work as per laid down Specification elsewhere in the Bidding Document.

14.0 HEALTH, SAFETY AND ENVIRONMENT (HSE) MANAGEMENT:

The Contractor, during entire duration of the Contract, shall adhere to agreed HSE plan.

15.0 COMPLETION DOCUMENTS:

The following documents shall be submitted in hard binder by the Contractor/Sub-Contractor in Six sets (6), as a part of completion documents. These will be in addition to those mentioned in General Conditions of the Contract.

- (i) Material Inspection/Test Report for supply of all materials
- (ii) Any other drawing/document/Inspection reports specified elsewhere in the bidding document.

16.0 COORDINATION WITH OTHER AGENCIES:

Proper coordination with other agencies will be the Contractor's responsibility. In case of any dispute, the decision of OIL/Consultant shall be final and binding on the Contractor.

17.0 RESPONSIBILITY OF THE CONTRACTOR:

It shall be the responsibility of the Contractor to obtain the approval for any revision and/or modifications decided by the Contractor from the OIL/Consultant before implementation.

The procurement and supply in sequence and at the appropriate time of all materials and consumables shall be entirely the Contractor's responsibility and his rates for execution of work will be inclusive of supply of all these items.

18.0 SINGLE POINT RESPONSIBILITY:

The entire work as per Scope of Work covered under this contract shall be awarded on single point responsibility basis.

19.0 COORDINATION WITH OIL / CONSULTANT:

The Contractor shall coordinate with OIL / Consultant, for his day-to-day activities and provide free access and assistance during the inspections and other activities to be carried out by the OIL/Consultant.

20.0 FAILURE BY THE CONTRACTOR TO COMPLY WITH THE PROVISIONS OF THE CONTRACT

If the Contractor refuses or fails to execute the work or any separate part thereof with such diligence as will ensure its completion within the time specified in the Contract or extension thereof or fails to perform any of his obligation under the Contract or in any manner commits a breach of any of the provisions of the Contract it shall be open to the Company at its

option by written notice to the Contractor:

- a. To determine the Contract in which event the Contract shall stand terminated and shall cease to be in force and effect on and from the date appointed by the Company on that behalf, whereupon the Contractor shall stop forthwith any of the Contractor's work then in progress, except such work as the Company may, in writing, require to be done to safeguard any property or work, or installations from damage, and the Company, for its part, may take over the work remaining unfinished work by the Contractor and complete the same through a fresh contractor or by other means, at the risk and cost of the Contractor, and any of his sureties if any, shall be liable to the Company for any excess cost occasioned by such work having to be so taken over and completed by the Company over and above the cost at the rates specified in the schedule of quantities and rate/prices.
- b. Without determining the Contract to take over the work of the Contractor or any part thereof and complete the same through a fresh contractor or by other means at the risk and cost of the Contractor. The Contractor and any of his sureties are liable to the Company for any excess cost over and above the cost at the rates specified in the Schedule of Quantities/Rates, occasioned by such works having been taken over and completed by the Company.
- c. The whole or part of the Contract Performance Security furnished by the Contractor is liable to be forfeited without prejudice to the right of the Company to recover from the Contractor the excess cost referred to in the sub-clause aforesaid, the Company shall also have the right of taking possession and utilising in completing the works or any part thereof, such as materials equipment and plants available at work site belonging to the Contractor as may be necessary and the Contractor shall not be entitled for any compensation for use or damage to such materials, equipment and plant.
- d. The amount that may have become due to the Contractor on account of work already executed by him shall not be payable to him until after the expiry of Six (6) calendar months reckoned from the date of termination of Contract or from the taking over of the work or part thereof by the Company as the case may be, during which period the responsibility for faulty materials or workmanship in respect of such work shall, under the Contract, rest exclusively with the Contractor. This amount shall be subject to deduction of any amounts due from the Contractor to the Company under the terms of the Contract authorised or required to be reserved or retained by the Company.

Before determining the Contract as per above clauses, provided in the

judgement of the Company, the default or defaults committed by the Contractor is/are curable and can be cured by the Contractor if an opportunity given to him, then the Company may issue Notice in writing calling the Contractor to cure the default within such time specified in the Notice.

The Company shall also have the right to proceed or take action as per above, in the event that the Contractor becomes bankrupt, insolvent, compounds with his creditors, assigns the Contract in favour of his creditors or any other person or persons, or being a company or a corporation goes into voluntary liquidation, provided that in the said events it shall not be necessary for the Company to give any prior notice to the Contractor.

Termination of the Contract as provided for in the clauses above shall not prejudice or affect their rights of the Company which may have accrued upto the date of such termination.

21.0 COMPLETION OF WORK:

The Final Report of Completion of Work shall be issued by the Company against the written application of the Contractor after completion of successful installation and final testing. The issue of Completion Certificate/Report shall be considered as the completion of all the obligations of the Contractor under the Contract.

22.0 WARRANTY / GUARANTEE & DEFECT LIABILITY PERIOD:

Contractor also guarantees the design, workmanship and the freedom from defects of the Goods and/or Services for a period of one (1) Gregorian year from the installation, commissioning and PGTR or twenty four (24) Gregorian months from the date of receipt of the Goods and/or Services by Company.

Notwithstanding anything else to the contrary, If, within these specified periods, Contractor receives notice from COMPANY of any alleged defect in or non conformance of any product or repair and if in the Contractor's sole judgment the product or repair does not conform or is found to be defective in material or workmanship then COMPANY shall at Contractor's request, return the part or product F.O.B. for Foreign Contractor and F.O.R. Duliajan (Despatching Station) for Indian Contractor to Contractor's designated plant or service location. Any repair work performed by Contractor is warranted for one year from completion of such repairs and applies only to work performed.

If the Contractor feels that any variation in work or in quality of materials or proportions would be beneficial or necessary to fulfil the guarantees called for, he shall bring this to the notice of the Consultant/OIL in writing.

Defective goods / materials or parts notified by OIL to the Seller shall be

replaced immediately by the Seller on F.O.R destination basis for Indian Contractor including payment of all taxes and duties at Seller's expense. Also, an additional Contractal Performance Guarantee shall be furnished separately for the extended period of liability for that portion of work/equipment only.

Contractor, at Contractor's option and expense, shall repair or replace the defective part or product, or repay to COMPANY the full price paid by COMPANY for such defective part, repair or product. Any repayment of the purchase price shall be without interest. Contractor's warranty liability, including for defects caused by Contractor's negligence, shall be limited to such repair, replacement or refund, and shall not include claims for labour costs, heavy lifting, rig stand-by time, expenses of COMPANY resulting from defects, recovery under general tort law or strict liability or for damages resulting from delays, loss of use, or other direct, indirect, incidental or consequential damages of any kind.

However, guarantee for the Basic Engineering & FEED of PLANTS in respect of suitable, appropriate & fault-free design, and system adaptability, process philosophy, etc. without defects/faults that affect operation of the plant will be provided by the Consultant.

Any Liability arising due to failure to obtain required mandatory statutory approval for the Plant and the installed instrument/facility as stipulated vide provisions of Oil Mines Regulations, DGMS, Indian Explosives Act, Indian Electricity Rules, Petroleum Rules, Indian Boiler Regulations etc. in force or byelaws / directives promulgated by Govt. Circulars/ Regulatory Boards/Panels, Enforcement Directorates etc will be borne by the Consultant.

Any liability due to wrong/improper framing of commissioning & testing procedures and Safe Operating Procedures (SOPs) for all field equipments, system, etc. will be borne by Consultant.

Contractor will not be responsible for failures of products which have been in any way tampered with or altered by anyone other than Contractor's authorized representative, failures due to lack of compliance with recommended maintenance procedures or products which have been repaired or altered in such a way (in Contractor's judgment) as to affect the products adversely.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE WHICH EXCEED THE FOREGOING WARRANTY.

23.0 PAYMENT & INVOICING PROCEDURE:

The OIL shall pay to the Contractor, during the term of the Contract, the amount due calculated according to the rates of payment set and in accordance with other provisions hereof. No other payments shall be due from the Company unless specifically provided for in this Contract. All payments will be made in accordance with the terms herein as described.

A payment due by the Company to the Contractor shall be made at the Contractor's designated bank account. All bank charges will be to their account.

Payment of any invoices shall not prejudice the right of the Company to question the validity of any charges therein, provided the Company within one year after the date of payment shall make and deliver to the Contractor written notice of objection to any item or items the validity of which the Company questions.

The Contractor is required to submit all bills/invoices, other negotiating documents etc as applicable and as set out in Annexure II Schedule of Payments.

The Company shall within 20 days of receipt of the invoice notify the Contractor of any item under dispute, specifying the reasons thereof, in which event, and payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion within 30 days subject to necessary approval. This will not prejudice the Company's right to question the validity of the payment at a later date.

The acceptance by the Contractor of part payment on any billing not paid on or before the due date shall not be deemed a waiver of the Contractor's rights in respect of any other billing, the payment of which may then or thereafter be due.

The Contractor shall maintain complete and correct records of all information on which the Contractor's invoices are based up to two years (2) from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query / objection. Any audit conducted by the Company of the Contractor's records, as provided herein, shall be limited to the Company's verification (i) of the accuracy of all charges made by the Contractor to the Company and (ii) that the Contractor is otherwise in compliance with the terms and conditions of this Agreement.

24.0 NIL Customs Duty and Concessional GST Applicable for Projects in ML/PEL Area :

Not Applicable

25.0 PACKAGING: Not Applicable

26.0 DESPATCH: Not Applicable

27.0 INSURANCE: Not Applicable

ANNEXURE- I TO SPECIAL CONDITIONS OF CONTRACT

TIME SCHEDULE

NAME OF WORK	CONTRACTUAL DURATION
MILESTONE 1: COMPLETION OF ALL PILING WORKS	7 MONTHS FROM THE DATE OF LOI
MILESTONE 2: COMPLETION OF TANK ERECTION	8 MONTHS FROM THE DATE OF LOI
MILESTONE 3: COMPLETION OF MECHANICAL INSTALLATION & ERECTION	10 MONTHS FROM THE DATE OF LOI
MILESTONE 4: COMPLETION OF ALL CONTRACTUAL WORKS	12 MONTHS FROM THE DATE OF LOI

Note:

1. Contract period shall be reckoned from date of award of contract, which shall be the date of issue of Letter of Award (LOA).
2. The Time indicated is for Construction Services Contract in all respects as per specifications, codes, drawings and instructions of Consultant.
3. Any delay in completion shall be subject to Liquidated Damages as defined in the bidding document, which shall be applicable.
4. All demurrage on account of non readiness of contractor like non arrangement of requisite vehicles, all requisite permissions including the one from port authorities etc. shall be borne by the contractor



(SIGNATURE OF BIDDER)

ANNEXURE- II TO SPECIAL CONDITIONS OF CONTRACT

PREAMBLE TO SCHEDULE OF RATES/PRICE (SOR/P)



1. Bidder's quoted prices shall be strictly as per various FORMS included under Schedule of Prices. Bidder shall quote prices against each item mentioned in SOR/P. GRAND TOTAL PRICE may be referred as Construction Services Contract (CSC) price and other charges associated service/works.CSC Contract Price quoted shall be inclusive **of all taxes, duties, except Goods and Service Tax (GST).**
2. The price quoted shall be on contract basis. Payments to contractor shall be made limited to Contract price indicated, irrespective of the progressive payments made during execution.

Obligation of the Contractor is not limited to the quantities that the Contractor may either indicate in the Schedule of Break up of Prices along with his bid or in further detailed break of lump sum prices furnished after award of work. Contractor shall carry out entire scope of work/supplies as detailed in various sections/volumes of the Bidding Document within the quoted CSC Price (Contract Price).
3. Contract prices quoted by the Bidder shall include cost of any other supplies/work(s) not specifically mentioned in the Bidding Document but make it complete in every respect.
4. Bidder to note that the Price as stated in Schedule of Rates/Price (Form SOR/P) shall be considered and shall form the Total Price payable under the Contract as the CSC Price before Goods &Service Tax. The GST as computed as per Para 5.4 of VOLUME I: COMMERCIAL PART II BEC.

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SCHEDULE OF RATES (SOR) for CSC - 4

	Table of Contents
SL. No.	Description
1.0	Summary of Rates
2.0	Part-A - SOR for Supply items
3.0	Part-B - SOR for Services
4.0	Part-C - SOR for Tankage - Supply & Erection

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1.0 SUMMARY OF RATES

SL. No.	Description	Amount in INR (₹)
1.0	Part -A, Supply items in INR	
2.0	Part-B, Services in INR	
3.0	Part-C, Tankage - Supply & Erection in INR	
4.0	Total price for all works in INR	



**CONSTRUCTION SERVICE CONTRACT
(CSC-4)**



Mechanical Construction Works for GGS, East Khagorijan
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1.0 PART A - SUPPLY ITEMS FOR CSC 4

S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
1.0		PIPING				
		Procurement, supply and transportation to worksite including loading, unloading, handling and safe storage inside the Plant premises for the following Pipe materials to be supplied by Contractor as per the requirement of Scope of work, Piping Material specification, Specifications, standards, instructions of Owner/ Engineer-in-Charge and other provisions of Contract.				
1.1		Supply of Carbon steel Seamless pipe A106 Gr.B, Dim. ASME B36.10 - Hydrocarbon service				
1.1.1		250mm NB, SCH XS, Bevel End	275	m		
1.1.2		250mm NB, SCH 20, Bevel End	200	m		
1.1.3		200mm NB, SCH 20, Bevel End	50	m		
1.1.4		150mm NB, SCH 120, Bevel End	50	m		
1.1.5		150mm NB, SCH STD, Bevel End	1600	m		
1.1.6		100mm NB, SCH 120, Bevel End	200	m		
1.1.7		100mm NB, SCH STD, Bevel End	875	m		
1.1.8		80mm NB, SCH STD, Bevel End	500	m		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
1.1.9		50mm NB, SCH XS, Bevel End	1300	m		
1.1.10		25mm NB, SCH 160, Plain End	50	m		
1.1.11		20mm NB, SCH 160, Plain End	50	m		
1.2		Supply of Carbon steel Welded pipes API 5L X65 PSL-2, Dim. ASME B36.10 - Hydrocarbon service				
1.2.1		250mm NB, THK 36mm, Bevel End	175	m		
1.2.2		200mm NB, THK 32mm, Bevel End	175	m		
1.2.3		150mm NB, THK 25mm, Bevel End	175	m		
1.2.4		80mm NB, SCH XXS, Bevel End	50	m		
1.2.5		50mm NB, SCH XXS, Bevel End	175	m		
1.3		Supply of Carbon steel ERW pipes, IS 3589 Gr.410				
1.3.1		250mm NB, THK 6mm, Bevel End	50	m		
1.3.2		200mm NB, THK 6mm, Bevel End	3000	m		
1.4		Supply of Carbon steel ERW pipes, IS 1239 Part-1				
1.4.1		150mm NB, THK Heavy, Bevel End	750	m		
1.4.2		100mm NB, THK Heavy, Bevel End	375	m		
1.4.3		80mm NB, THK Heavy, Bevel End	375	m		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
1.4.4		50mm NB, THK Heavy, Bevel End	50	m		
1.4.5		25mm NB, THK Heavy, Plain End	50	m		
1.4.6		20mm NB, THK Heavy, Plain End	50	m		
1.5		Supply of Carbon steel ERW pipes Galvanised, IS 1239 Part-1				
1.5.1		150mm NB, THK Heavy, Screwed End	750	m		
1.5.2		100mm NB, THK Heavy, Screwed End	875	m		
1.5.3		80mm NB, THK Heavy, Screwed End	375	m		
1.5.4		50mm NB, THK Heavy, Screwed End	2500	m		
1.5.5		25mm NB, THK Heavy, Screwed End	50	m		
1.5.6		15mm NB, THK Heavy, Screwed End	150	m		
1.6		Supply of Stainless steel Seamless pipe A312 TP316 , Dim. ASME B36.19				
1.6.1		100mm NB, SCH 10S, Bevel End	100	m		
1.6.2		80mm NB, SCH 10S, Bevel End	50	m		
1.6.3		50mm NB, SCH 10S, Bevel End	300	m		
1.6.4		25mm NB, SCH 40S, Plain End	50	m		
1.6.5		20mm NB, SCH 40S, Plain End	50	m		
2.0		FITTINGS, FLANGES, GASKETS etc.				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
		Procurement, supply and transportation to worksite including loading, unloading, handling and safe storage inside the Plant premise for the following Pipe fittings, flanges, gaskets, fasteners etc materials to be supplied by Contractor as per the requirement of Scope of work, Piping Material specification, Specifications, standards, instructions of Owner/ Engineer-in-Charge and other provisions of Contract.				
2.1		Supply of 90° Elbow, Long Radius, A234 Gr. WPB (Welded), BW, ASME B16.9				
2.1.1		250mm NB, THK 36mm	18	Nos.		
2.1.3		200mm NB, THK 32mm	18	Nos.		
2.1.5		150mm NB, THK 25mm	17	Nos.		
2.2		Supply of 90° Elbow, Long Radius, A234 Gr. WPB (Seamless), BW, ASME B16.9				
2.2.1		250mm NB, SCH XS	23	Nos.		
2.2.2		250mm NB, SCH 20	15	Nos.		
2.2.3		200mm NB, SCH 20	4	Nos.		
2.2.4		150mm NB, SCH 120	5	Nos.		
2.2.5		150mm NB, SCH STD	121	Nos.		
2.2.6		100mm NB, SCH 120	18	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.2.7		100mm NB, SCH STD	82	Nos.		
2.2.8		80mm NB, SCH XXS	16	Nos.		
2.2.9		80mm NB, SCH STD	94	Nos.		
2.2.10		50mm NB, SCH XXS	25	Nos.		
2.2.11		50mm NB, SCH XS	182	Nos.		
2.3		Supply of 90° Elbow, Long Radius, A105, 6000# SW, ASME B16.11				
2.3.1		25mm NB	5	Nos.		
2.3.2		20mm NB	10	Nos.		
2.4		Supply of 90° Elbow, Long Radius, A105, 3000# SW, ASME B16.11				
2.4.1		25mm NB	30	Nos.		
2.4.2		20mm NB	15	Nos.		
2.5		Supply of 90° Elbow, Long Radius, A234 Gr. WPB (Welded), BW, ASME B16.9				
2.5.1		250mm NB, SCH 20	10	Nos.		
2.5.2		200mm NB, SCH 20	78	Nos.		
2.6		Supply of 90° Elbow, Long Radius, A234 Gr. WPB (Seamless), BW, ASME B16.9				



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Mechanical Construction Works for GGS, East Khagorijan
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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.6.1		150mm NB, SCH STD	10	Nos.		
2.6.2		100mm NB, SCH STD	78	Nos.		
2.6.3		80mm NB, SCH STD	20	Nos.		
2.6.4		50mm NB, SCH XS	10	Nos.		
2.7		Supply of 90° Elbow, Long Radius, A105, 3000# SW, ASME B16.11				
2.7.1		25mm NB	30	Nos.		
2.7.2		20mm NB	10	Nos.		
2.8		Supply of 90° Elbow, Long Radius, IS 1239 Part-2 (Galvanised), Screwed				
2.8.1		150mm NB, THK Heavy	59	Nos.		
2.8.2		100mm NB, THK Heavy	90	Nos.		
2.8.3		80mm NB, THK Heavy	53	Nos.		
2.8.4		50mm NB, THK Heavy	275	Nos.		
2.9		Supply of 90° Elbow, Long Radius, A105 (Galvanised), 3000# Screwed, ASME B16.11				
2.9.1		25mm NB	25	Nos.		
2.9.2		20mm NB	10	Nos.		



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CONSTRUCTION SERVICE CONTRACT

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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.9.3		15mm NB	30	Nos.		
2.10		Supply of 90° Elbow, Long Radius, A403 Gr. WP316 (Seamless), BW, ASME B16.9				
2.10.1		100mm NB, SCH 10S	15	Nos.		
2.10.2		80mm NB, SCH 10S	20	Nos.		
2.10.3		50mm NB, SCH 10S	86	Nos.		
2.11		Supply of 90° Elbow, Long Radius, A182 F316, 3000# SW, ASME B16.11				
2.11.1		25mm NB	20	Nos.		
2.11.2		20mm NB	20	Nos.		
2.12		Supply of 45° Elbow, Long Radius, A234 Gr. WPB (Seamless), BW, ASME B16.9				
2.12.1		50mm NB, SCH XS	3	Nos.		
2.13		Supply of Straight (Equal) Tee, A234 Gr. WPB (Seamless), BW, ASME B16.9				
2.13.1		200mm x 200mm x 200mm NB, SCH 20	1	Nos.		
2.13.2		150mm x 150mm x 150mm NB, SCH STD	12	Nos.		
2.13.3		100mm x 100mm x 100mm NB, SCH STD	8	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.13.4		80mm x 80mm x 80mm NB, SCH XXS	8	Nos.		
2.13.5		80mm x 80mm x 80mm NB, SCH STD	11	Nos.		
2.13.6		50mm x 50mm x 50mm NB, SCH XS	8	Nos.		
2.14		Supply of Straight (Equal) Tee, A234 Gr. WPB (welded), BW, ASME B16.9				
2.14.1		250mm x 250mm x 250mm NB, SCH 20	2	Nos.		
2.14.2		200mm x 200mm x 200mm NB, SCH 20	32	Nos.		
2.15		Supply of Straight (Equal) Tee, A234 Gr. WPB (Seamless), BW, ASME B16.9				
2.15.1		150mm x 150mm x 150mm NB, SCH STD	14	Nos.		
2.15.2		100mm x 100mm x 100mm NB, SCH STD	20	Nos.		
2.15.3		80mm x 80mm x 80mm NB, SCH STD	5	Nos.		
2.15.4		50mm x 50mm x 50mm NB, SCH XS	5	Nos.		
2.16		Supply of Straight (Equal) Tee, IS 1239 Part-2 (Galvanised), Screwed				
2.16.1		150mm x 150mm x 150mm NB, THK HEAVY	14	Nos.		
2.16.2		100mm x 100mm x 100mm NB, THK HEAVY	25	Nos.		
2.16.3		80mm x 80mm x 80mm NB, THK HEAVY	5	Nos.		
2.16.4		50mm x 50mm x 50mm NB, THK HEAVY	57	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.17		Supply of Straight (Equal) Tee, A403 Gr. WP 316 (Seamless), BW, ASME B16.9				
2.17.1		100mm x 100mm x 100mm NB, SCH 10S	10	Nos.		
2.17.2		50mm x 50mm x 50mm NB, SCH 10S	20	Nos.		
2.18		Supply of Reducing (Unequal) Tee, A234 Gr. WPB (seamless), BW, ASME B16.9				
2.18.1		150mm x 150mm x 100mm NB, SCH STD x SCH STD	12	Nos.		
2.18.2		150mm x 150mm x 80mm NB, SCH STD x SCH STD	17	Nos.		
2.18.3		100mm x 100mm x 80mm NB, SCH STD x SCH STD	3	Nos.		
2.18.4		100mm x 100mm x 50mm NB, SCH STD x SCH XS	14	Nos.		
2.18.5		80mm x 80mm x 50mm NB, SCH STD x SCH XS	4	Nos.		
2.18.6		50mm x 50mm x 25mm NB, SCH XS x SCH 160	3	Nos.		
2.19		Supply of Reducing (Unequal) Tee, A234 Gr. WPB (seamless), BW, ASME B16.9				
2.19.1		150mm x 150mm x 100mm NB, SCH STD x SCH STD	19	Nos.		
2.19.2		80mm x 80mm x 50mm NB, SCH STD x SCH XS	12	Nos.		
2.20		Supply of Reducing (Unequal) Tee, IS 1239 Part-2 (Galvanised), Screwed				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.20.1		150mm x 150mm x 100mm NB, THK Heavy	19	Nos.		
2.20.2		100mm x 100mm x 50mm NB, THK Heavy	20	Nos.		
2.20.3		80mm x 80mm x 50mm NB, THK Heavy	12	Nos.		
2.21		Supply of Reducing (Unequal) Tee, A403 Gr. WP 316 (Seamless), BW, ASME B16.9				
2.21.1		100mm x 100mm x 50mm NB, SCH 10S x SCH 10S	2	Nos.		
2.22		Supply of Reducing (Unequal) Tee, A234 Gr. WPB (Welded), BW, ASME B16.9				
2.22.1		200mm x 200mm x 150mm NB, SCH 20 x SCH STD	26	Nos.		
2.23		Supply of Concentric Reducers, A234 Gr. WPB, BW, ASME B16.9				
2.23.1		100mm x 80mm NB, SCH STD x SCH STD	5	Nos.		
2.23.2		80mm x 50mm NB, SCH STD x SCH XS	10	Nos.		
2.24		Supply of Swage Nipple conc. A234 Gr. WPB, MSS SP 95				
2.24.1		50mm x 25mm NB, SCH 160, Bevel Large End x Plain Small End	5	Nos.		
2.25		Supply of Branch Outlet fittings, A105, MSS SP-97				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.25.1		250mm NB SCH XS (Header Pipe) x 100mm NB SCH STD (Branch Pipe), Weldolet	1	Nos.		
2.25.2		150mm NB SCH STD (Header Pipe) x 50mm NB SCH XS (Branch Pipe), Weldolet	16	Nos.		
2.25.3		80mm NB 6000# (Header Pipe) x 20mm NB 6000# (Branch Pipe), Sockolet	8	Nos.		
2.25.4		50mm NB 6000# (Header Pipe) x 20mm NB 6000# (Branch Pipe), Sockolet	4	Nos.		
2.25.5		50mm NB 3000# (Header Pipe) x 20mm NB 3000# (Branch Pipe), Sockolet	1	Nos.		
2.26		Supply of Weld Neck Raised Face Flange, A105, ASME B16.5 CL.150				
2.26.1		200mm NB, SCH 20	11	Nos.		
2.26.2		150mm NB, SCH STD	44	Nos.		
2.26.3		100mm NB, SCH STD	64	Nos.		
2.26.4		80mm NB, SCH STD	24	Nos.		
2.26.5		50mm NB, SCH XS	68	Nos.		
2.27		Supply of Slip-on Raised Face Flange, A105, ASME B16.5 CL.150				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.27.1		250mm NB	20	Nos.		
2.27.2		200mm NB	50	Nos.		
2.27.3		150mm NB	100	Nos.		
2.27.4		100mm NB	50	Nos.		
2.27.5		80mm NB	20	Nos.		
2.27.6		50mm NB	20	Nos.		
2.28		Supply of Socket Weld Raised Face Flange, A105, ASME B16.5 CL.150				
2.28.1		25mm NB	5	Nos.		
2.28.2		20mm NB	10	Nos.		
2.29		Supply of Socket Weld Raised Face Flange, A105, ASME B16.5 CL.300				
2.29.1		25mm NB	9	Nos.		
2.29.2		20mm NB	14	Nos.		
2.30		Supply of Weld Neck Raised Face Flange, A105, ASME B16.5 CL.300				
2.30.1		250mm NB, SCH XS	6	Nos.		
2.30.2		150mm NB, SCH STD	14	Nos.		
2.30.3		100mm NB, SCH STD	5	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.30.4		80mm NB, SCH STD	59	Nos.		
2.30.5		50mm NB, SCH XS	33	Nos.		
2.31		Supply of Weld Neck Ring Type Joint Flange, A105, ASME B16.5 CL.600				
2.31.1		150mm NB, SCH 80	3	Nos.		
2.32		Supply of Weld Neck Ring Type Joint Flange, A105, ASME B16.5 CL.900				
2.32.1		100mm NB, SCH 120	3	Nos.		
2.33		Supply of Weld Neck Ring Type Joint Flange, A105, ASME B16.5 CL.2500				
2.33.1		250mm NB, THK 36mm	4	Nos.		
2.33.2		200mm NB, THK 32mm	3	Nos.		
2.33.3		150mm NB, THK 25mm	3	Nos.		
2.33.4		80mm NB, SCH XXS	18	Nos.		
2.33.5		50mm NB, SCH XXS	9	Nos.		
2.34		Supply of Screwed Raised Face Flange, A105 (Galvanised), ASME B16.5 CL.150				
2.34.1		150mm NB	100	Nos.		





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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.34.2		100mm NB	150	Nos.		
2.34.3		80mm NB	50	Nos.		
2.34.4		50mm NB	472	Nos.		
2.35		Supply of Weld Neck Raised Face Flange, A182 F316, ASME B16.5 CL.150				
2.35.1		100mm NB, SCH 10S	20	Nos.		
2.35.2		50mm NB, SCH 10S	60	Nos.		
2.36		Supply of Socket Weld Raised Face Flange, A182 F316, ASME B16.5 CL.150				
2.36.1		25mm NB	30	Nos.		
2.37		Supply of Blind Flange Raised Face, A105, ASME B16.5 CL.150				
2.37.1		250mm NB	2	Nos.		
2.37.2		200mm NB	2	Nos.		
2.37.3		150mm NB	9	Nos.		
2.37.4		100mm NB	9	Nos.		
2.38		Supply of Blind Flange Raised Face, A105, ASME B16.5 CL.300				

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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.38.1		150mm NB	7	Nos.		
2.38.2		20mm NB	9	Nos.		
2.39		Supply of Blind Flange Raised Face, A105 (Galvanised), ASME B16.5 CL.150				
2.39.1		100mm NB	10	Nos.		
2.39.2		80mm NB	8	Nos.		
2.39.3		50mm NB	16	Nos.		
2.40		Supply of Blind Flange Raised Face, A182 F316, ASME B16.5 CL.150				
2.40.1		100mm NB	2	Nos.		
2.40.2		50mm NB	24	Nos.		
2.41		Supply of Spectacle Blind, A516 Gr.70, ASME B16.48 CL.150				
2.41.1		200mm NB	1	Nos.		
2.41.2		150mm NB	4	Nos.		
2.41.3		100mm NB	5	Nos.		
2.41.4		80mm NB	1	Nos.		
2.41.5		50mm NB	4	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.42		Supply of Spectacle Blind, A516 Gr.70, ASME B16.48 CL.300				
2.42.1		80mm NB	10	Nos.		
2.42.2		50mm NB	3	Nos.		
2.43		Supply of Spiral Wound Gasket 4.5mm Thk, ASME B16.20, SS 316 Winding, Filler-CNAF, Inner Ring - SS316, Outer Ring - CS				
2.43.1		250mm NB, 300#	6	Nos.		
2.43.2		200mm NB, 150#	12	Nos.		
2.43.3		150mm NB, 300#	14	Nos.		
2.43.4		150mm NB, 150#	50	Nos.		
2.43.5		100mm NB, 300#	5	Nos.		
2.43.6		100mm NB, 150#	72	Nos.		
2.43.7		80mm NB, 300#	71	Nos.		
2.43.8		80mm NB, 150#	197	Nos.		
2.43.9		50mm NB, 300#	33	Nos.		
2.43.10		50mm NB, 150#	672	Nos.		
2.43.11		25mm NB, 300#	9	Nos.		
2.43.12		20mm NB, 300#	24	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.44		Supply of Spiral Wound Gasket 4.5mm Thk, ASME B16.20, SS 316 Winding, Filler-CNAF, Inner Ring - SS316, Outer Ring - SS316				
2.44.1		100mm NB, 150#	38	Nos.		
2.44.2		50mm NB, 150#	47	Nos.		
2.45		Supply of Type R (Oval) - Ring Joint Gasket, Soft iron - 90 BHN, ASME B16.20				
2.45.1		250mm NB, 2500#, Ring Number R-55	3	Nos.		
2.45.2		200mm NB, 2500#, Ring Number R-51	3	Nos.		
2.45.3		150mm NB, 2500#, Ring Number R-47	3	Nos.		
2.45.4		100mm NB, 900#, Ring Number R-37	3	Nos.		
2.45.5		80mm NB, 2500#, Ring Number R-32	18	Nos.		
2.45.6		50mm NB, 2500#, Ring Number R-26	9	Nos.		
2.46		Supply of Stud bolt with 2 Nuts as per standard ASME B18.2, Bolt material - A193 Gr. B7, Nut material - A194 Gr. 2H				
2.46.1		M64 Dia, Length 615mm	36	Nos.		
2.46.2		M48 Dia, Length 490mm	36	Nos.		
2.46.3		M48 Dia, Length 445mm	24	Nos.		
2.46.4		M30 Dia, Length 255mm	144	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
2.46.5		M24 Dia, Length 200mm	72	Nos.		
2.46.6		M24 Dia, Length 175mm	96	Nos.		
2.46.7		M22 Dia, Length 165mm	24	Nos.		
2.46.8		M20 Dia, Length 115mm (Hot dip Galvanized)	750	Nos.		
2.46.9		M20 Dia, Length 115mm	600	Nos.		
2.46.10		M20 Dia, Length 135mm	162	Nos.		
2.46.11		M20 Dia, Length 125mm	36	Nos.		
2.46.12		M16 Dia, Length 95mm (Hot dip Galvanized)	2400	Nos.		
2.46.13		M16 Dia, Length 95mm	1884	Nos.		
2.46.14		M16 Dia, Length 90mm	36	Nos.		
2.46.15		M16 Dia, Length 80mm	96	Nos.		
3.0		MANUAL VALVES				
		Procurement, supply and transportation to worksite including painting, shop inspection and testing, loading, unloading, handling and safe storage inside the Plant premise for the following Manual Valves to be supplied by Contractor as per the requirement of Scope of work, Valve Material specification, Specifications, standards, instructions of Owner/ Engineer-in-Charge and other provisions of Contract.				
3.1		Supply of Ball Valves, Carbon steel (A105 / A216 Gr. WCB) material				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
3.1.1		200mm NB, 150#, Flanged, Valve Tag - BRAC01R	1	Nos.		
3.1.2		150mm NB, 150#, Flanged, Valve Tag - BRAC01R	8	Nos.		
3.1.3		100mm NB, 150#, Flanged, Valve Tag - BRAC01R	9	Nos.		
3.1.4		100mm NB, 150#, Flanged, Valve Tag - BRAG01R	2	Nos.		
3.1.5		80mm NB, 150#, Flanged, Valve Tag - BRAC01R	14	Nos.		
3.1.6		80mm NB, 150#, Flanged, Valve Tag - BRAG01R	2	Nos.		
3.1.7		50mm NB, 2500#, RTJ Flanged, Valve Tag - BRFC01J	1	Nos.		
3.1.8		50mm NB, 150#, Flanged, Valve Tag - BRAC01R	70	Nos.		
3.1.9		50mm NB, 150#, Flanged, Valve Tag - BRAG01R	80	Nos.		
3.1.10		20mm NB, 150#, Flanged, Valve Tag - BFAC01R	33	Nos.		
3.1.11		15mm NB, 150#, Flanged, Valve Tag - BFAC01R	2	Nos.		
3.1.12		15mm NB, 150#, Flanged, Valve Tag - BFAI01R	4	Nos.		
3.1.13		25mm NB, 800#, Screwed, Valve Tag - BFAG01S	11	Nos.		
3.1.14		20mm NB, 800#, Screwed, Valve Tag - BFAG01S	6	Nos.		
3.1.15		15mm NB, 800#, Screwed, Valve Tag - BFAG01S	37	Nos.		
3.2		Supply of Ball Valves, Stainless steel (A182 F316 / A351 Gr. CF8M) material				
3.2.1		15mm NB, 3000psi, Screwed, Valve Tag - BFGT20S	8	Nos.		
3.3		Supply of Check Valves, Carbon steel (A105 / A216 Gr. WCB) material				



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
3.3.1		150mm NB, 150#, Flanged, Valve Tag - CSAC01R	1	Nos.		
3.3.2		100mm NB, 150#, Flanged, Valve Tag - CSAC01R	8	Nos.		
3.3.3		100mm NB, 150#, Flanged, Valve Tag - CSAG01R	3	Nos.		
3.3.4		100mm NB, 150#, Flanged, Valve Tag - CSAI01R	1	Nos.		
3.3.5		80mm NB, 150#, Flanged, Valve Tag - CSAC01R	5	Nos.		
3.3.6		80mm NB, 150#, Flanged, Valve Tag - CSAG01R	2	Nos.		
3.3.7		50mm NB, 150#, Flanged, Valve Tag - CSAC01R	4	Nos.		
3.3.8		50mm NB, 150#, Flanged, Valve Tag - CSAG01R	1	Nos.		
3.3.9		25mm NB, 800#, Screwed, Valve Tag - CLAG01S	11	Nos.		
3.4		Supply of Check Valves, Stainless steel (A182 F316 / A351 Gr. CF8M) material				
3.4.1		50mm NB, 150#, Flanged, Valve Tag - CSAS20R	5	Nos.		
3.4.2		15mm NB, 3000psi, Screwed, Valve Tag - CLGT20S	2	Nos.		
3.5		Supply of Gate Valves, Carbon steel (A105 / A216 Gr. WCB) material				
3.5.1		250mm NB, 150#, Flanged, Valve Tag - GTAI01R	4	Nos.		
3.5.2		200mm NB, 150#, Flanged, Valve Tag - GTAI01R	2	Nos.		
3.5.3		150mm NB, 150#, Flanged, Valve Tag - GTAG01R	10	Nos.		
3.5.4		150mm NB, 150#, Flanged, Valve Tag - GTAI01R	7	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
3.5.5		100mm NB, 150#, Flanged, Valve Tag - GTAG01R	12	Nos.		
3.5.6		100mm NB, 150#, Flanged, Valve Tag - GTAC01R	6	Nos.		
3.5.7		100mm NB, 150#, Flanged, Valve Tag - GTAI01R	6	Nos.		
3.5.8		80mm NB, 150#, Flanged, Valve Tag - GTAC01R	1	Nos.		
3.5.9		80mm NB, 300#, Flanged, Valve Tag - GTBC01R	12	Nos.		
3.5.10		80mm NB, 150#, Flanged, Valve Tag - GTAG01R	4	Nos.		
3.5.11		50mm NB, 300#, Flanged, Valve Tag - GTBC01R	28	Nos.		
3.5.12		50mm NB, 150#, Flanged, Valve Tag - GTAI01R	3	Nos.		
3.5.13		50mm NB, 150#, Flanged, Valve Tag - GTAC01R	6	Nos.		
3.5.14		20mm NB, 800#, Socket weld, Valve Tag - GTBC01Z	30	Nos.		
3.5.15		20mm NB, 800#, Socket weld, Valve Tag - GTAC01Z	9	Nos.		
3.5.16		20mm NB, 800#, Socket weld, Valve Tag - GTAI01Z	5	Nos.		
3.6		Supply of Gate Valves, Stainless steel (A182 F316 / A351 Gr. CF8M) material				
3.6.1		100mm NB, 150#, Flanged, Valve Tag - GTAS20R	3	Nos.		
3.6.2		80mm NB, 150#, Flanged, Valve Tag - GTAS20R	2	Nos.		
3.6.3		50mm NB, 150#, Flanged, Valve Tag - GTAS20R	5	Nos.		
3.7		Supply of Globe Valves, Carbon steel (A105 / A216 Gr. WCB) material				
3.7.1		50mm NB, 300#, Flanged, Valve Tag - GVBC01R	3	Nos.		



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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
3.7.2		50mm NB, 150#, Flanged, Valve Tag - GVAC01R	6	Nos.		
3.7.3		25mm NB, 800#, Socket weld, Valve Tag - GVBC01Z	2	Nos.		
3.8		Supply of Globe Valves, Stainless steel (A182 F316 / A351 Gr. CF8M) material				
3.8.1		50mm NB, 150#, Flanged, Valve Tag - GVAS20R	5	Nos.		
3.9		Supply of Needle Valves, Stainless steel (A182 F316 / A351 Gr. CF8M) material				
3.9.1		15mm NB, 3000psi, Screwed, Valve Tag - NVGT20S	2	Nos.		
4.0		PIPING SPECIALTY ITEMS				
		Procurement, Supply and transportation to worksite including painting, shop inspection and testing, loading, unloading, handling and safe storage inside the Plant premise for the following Pipe specialty items to be supplied by Contractor as per the requirement of Scope of work, Datasheet, Specifications, standards, instructions of Owner/ Engineer-in-Charge and other provisions of Contract.				
4.1		Basket type strainer, Connecting pipe size - 80mm NB CL.150 RF, Body material - A216 Gr. WCB & Screen - SS316	4	Nos.		

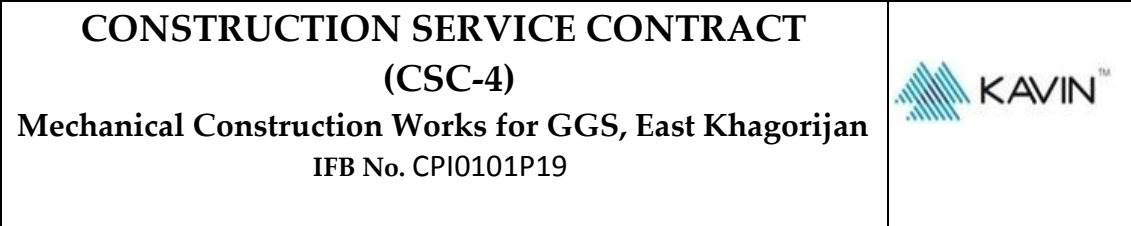


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S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR
4.2		Y-type strainer, Connecting pipe size - 150mm NB CL.150 RF, Body material - A216 Gr. WCB & Screen - SS316	5	Nos.		
4.3		Y-type strainer, Connecting pipe size - 100mm NB CL.150 RF, Body material - A216 Gr. WCB & Screen - SS316	6	Nos.		
4.4		Y-type strainer, Connecting pipe size - 80mm NB CL.150 RF, Body material - A216 Gr. WCB & Screen - SS316	2	Nos.		
4.5		Bowser loading arm - 80mm NB, Carbon steel material	4	Nos.		
4.6		Flame arrestor - 150mm NB, Carbon steel material	4	Nos.		
4.7		Flame arrestor - 50mm NB, Carbon steel material	1	Nos.		
4.8		Injection quill	2	Nos.		
4.9		Safety shower and Eye wash station	15	Nos.		
4.10		Insulating gasket kit - 200mm NB, 150#	15	Nos.		
4.11		Insulating gasket kit - 150mm NB, 150#	16	Nos.		
4.12		Insulating gasket kit - 100mm NB, 150#	5	Nos.		
4.13		Insulating gasket kit - 80mm NB, 150#	12	Nos.		
4.14		Insulating gasket kit - 50mm NB, 150#	29	Nos.		
4.15		Insulating gasket kit - 40mm NB, 150#	12	Nos.		
4.16		Dead man valve - 50mm NB CL.150 RF, Carbon steel (A105 / A216 Gr. WCB) material	17	Nos.		
5.0		TOTAL AMOUNT FOR PART-A SUPPLY ITEMS IN INR				



S. No.	Item No.	Description of Items	Qty	Unit	Unit rate in INR	Amount in INR



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3.0 PART B - SERVICES FOR CSC 4

S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		PART-B (SERVICES)				
1.00		CARBON STEEL ABOVE GROUND PIPING (Hydrocarbon service) : Fabrication, welding and installation of aboveground piping (as per Piping specification) including transportation of all piping items from CONTRACTOR's storage point to work site/work shop; fabrication including cutting, edge preparation, (inclusive of grinding the edges of pipe, fittings, flanges etc. to match with the mating edges of uneven/different thickness wherever required); fitup, bending, preheating wherever required, welding, threading, shot blasting as required and laying and erection of pipes of all types and thickness over sleepers, overhead on racks and at all elevations, connecting with equipment nozzles, strainers, orifice assemblies, spray nozzles, rotameters, tappings for pressure gauges, thermowells, sample connections, sample coolers etc. and fixing of gaskets, bolts, nuts including application of torque wherever required & all other inline instruments and fittings, like elbows, reducers, tees, vents, drains, alignment, cleaning & flushing by water/compressed air, hydrostatic, pneumatic, vacuum, spark testing and any other type of testing as specified draining, drying by compressed air, Performing radiographic inspection and dye penetrant test on all type and sizing of piping / pipe fittings in position at all heights inclusive of providing sources, film, chemicals, and all necessary equipment's, consumables etc. complete in all respect as per specification, codes, standards and instruction of the Engineer-in-Charge. The radiographs shall be submitted to the the engineer in charge at site/ third party inspecting agency. Performing Positive Material Identification(PMI) using alloy analysers, stacking of servicable/unservicable materials and disposal of the unservicable material including return of all unused / scarp pipes to CONTRACTOR's storage point, completing all such works in all respects as per the specifications, drawings and instructions of Engineer-in-Charge.				



CONSTRUCTION SERVICE CONTRACT (CSC-4)



Mechanical Construction Works for GGS, East Khagorijan
IFB No. CPI0101P19

S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		Rates to include the followings a) All required machinery, consumables and labour, etc. b) All work as specified in this document and relevant piping specifications as applicable. c) Work at all elevations including scaffolding, as required d) Fabrication & installation of Reinforcement pads as required e) Stress relieving as per ASME B 31.3 Process piping as required. f) Dismantling of Special Material & instruments before hydrotest & reinstallment of the same after hydrotest g) Preparation of temporary arrangements/connections required for water flushing. h) Hydrotesting, Draining, Flushing, Drying, cleaning by compressed air , Card Board Blasting, as applicable, reinstallation of control valves, safety valves, final box up of the piping system & making the system ready for pre commissioning. i) Preparation of final marked up drawings (As Built Drawings).				
		Pipe thickness ≤ 8 mm				
1.1		250mm NB	225	metre		
1.2		200mm NB	60	metre		
1.3		150mm NB	1700	metre		
1.4		100mm NB	925	metre		
1.5		80mm NB	550	metre		
1.6		50mm NB	1400	metre		
1.7		25mm NB	60	metre		
1.8		20mm NB	60	metre		
		Pipe thickness > 8 mm ≤ 16 mm				



CONSTRUCTION SERVICE CONTRACT
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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
1.9		250mm NB	300	metre		
1.10		150mm NB	60	metre		
1.11		100mm NB	225	metre		
1.12		80mm NB	60	metre		
1.13		50mm NB	200	metre		
		Pipe thickness > 16 mm				
1.14		250mm NB, 36mm THK	200	metre		
1.15		200mm NB, 32mm THK	200	metre		
1.16		150mm NB, 25mm THK	200	metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
2.0		CARBON STEEL ABOVE GROUND PIPING (Non-Hydrocarbon service) : Fabrication, welding and installation of aboveground piping (as per Piping specification) including transportation of all piping items from CONTRACTOR's storage point to work site/work shop; fabrication including cutting, edge preparation, (inclusive of grinding the edges of pipe, fittings, flanges etc. to match with the mating edges of uneven/different thickness wherever required); fitup, bending, preheating wherever required, welding, threading, shot blasting as required and laying and erection of pipes of all types and thickness over sleepers, overhead on racks and at all elevations, connecting with equipment nozzles, strainers, orifice assemblies, spray nozzles, rotameters, tapplings for pressure gauges, thermowells, sample connections, sample coolers etc. and fixing of gaskets, bolts, nuts including application of torque wherever required & all other inline instruments and fittings, like elbows, reducers, tees, vents, drains, alignment, cleaning & flushing by water/compressed air, hydrostatic, pneumatic, vacuum, spark testing and any other type of testing as specified draining, drying by compressed air, Performing radiographic inspection and dye penetrant test on all type and sizing of piping / pipe fittings in position at all heights inclusive of providing sources, film, chemicals, and all necessary equipment's, consumables etc. complete in all respect as per specification, codes, standards and instruction of the Engineer-in-Charge. The radiographs shall be submitted to the the engineer in charge at site/ third party inspecting agency. Performing Positive Material Identification(PMI) using alloy analysers, stacking of servicable/unservicable materials and disposal of the unservicable material including return of all unused / scarp pipes to CONTRACTOR's storage point, completing all such works in all respects as per the specifications, drawings and instructions of Engineer-in-Charge.				



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		<p>Rates to include the followings</p> <p>a) All required machinery, consumables and labour, etc.</p> <p>b) All work as specified in this document and relevant piping specifications as applicable.</p> <p>c) Work at all elevations including scaffolding, as required</p> <p>d) Fabrication & installation of Reinforcement pads as required</p> <p>e) Dismantling of Special Material & instruments before hydrotest & reinstallation of the same after hydrotest</p> <p>f) Preparation of temporary arrangements/connections required for water flushing.</p> <p>g) Hydrotesting, Draining, Flushing, Drying, cleaning by compressed air , Card Board Blasting, as applicable, reinstallation of control valves, safety valves, final box up of the piping system & making the system ready for pre commissioning.</p> <p>h) Preparation of final marked up drawings (As Built Drawings).</p>				
		Pipe thickness ≤ 10 mm				
2.1		250mm NB	60	metre		
2.2		200mm NB	3000	metre		
2.3		150mm NB	800	metre		
2.4		100mm NB	400	metre		
2.5		80mm NB	400	metre		
2.6		50mm NB	60	metre		
2.7		25mm NB	60	metre		
2.8		20mm NB	60	metre		



**CONSTRUCTION SERVICE CONTRACT
(CSC-4)**



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
3.0		STAINLESS STEEL ABOVE GROUND PIPING : Fabrication, welding and installation of aboveground piping (as per Piping specification) including transportation of all piping items from CONTRACTOR's storage point to work site/work shop; fabrication including cutting, edge preparation, (inclusive of grinding the edges of pipe, fittings, flanges etc. to match with the mating edges of uneven/different thickness wherever required); fitup, bending, preheating wherever required, welding, threading, and laying and erection of pipes of all types and thickness over sleepers, overhead on racks and at all elevations, connecting with equipment nozzles, strainers, orifice assemblies, spray nozzles, rotameters, tappings for pressure gauges, thermowells, sample connections, sample coolers etc. and fixing of gaskets, bolts, nuts including application of torque wherever required & all other inline instruments and fittings, like elbows, reducers, tees, vents, drains, alignment, cleaning & flushing by water/compressed air, hydrostatic (DM Water to be used for SS pipeline testing), pneumatic, vacuum, spark testing and any other type of testing as specified, draining, drying by compressed air, performing Positive Material Identification(PMI) using alloy analysers, stacking of servicable/unservicable materials and disposal of the unservicable material including return of all unused / scarp pipes to CONTRACTOR's storage point, completing all such works in all respects as per the specifications, drawings and instructions of Engineer-in-Charge.				



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		Rates to include the followings a) All required machinery, consumables and labour, etc. b) All work as specified in this document and relevant piping specifications as applicable. c) Work at all elevations including scaffolding, as required d) Fabrication & installation of Reinforcement pads as required e) Pickling and passivation of SS weld joints. Composition of pickling paste will be approved by Engineer-in-charge f) Complete TIG welding (Root + Subsequent) for SS Piping. g) Dismantling of Special Material & instruments before hydrotest & reinstallation of the same after hydrotest h) Preparation of temporary arrangements/connections required for water flushing. i) Hydrotesting, Draining, Flushing, Drying, cleaning by compressed air , Card Board Blasting, as applicable, reinstallation of control valves, safety valves, final box up of the piping system & making the system ready for pre commissioning. j) Preparation of final marked up drawings (As Built Drawings).				
3.1		100mm NB, SCH 10S	120	metre		
3.2		80mm NB, SCH 10S	60	metre		
3.3		50mm NB, SCH 10S	325	metre		
3.4		25mm NB, SCH 40S	60	metre		
3.5		20mm NB, SCH 40S	60	metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
4.0		UNDERGROUND PIPING : Fabrication, welding and installation of underground piping (as per Piping specification) including transportation of all material from CONTRACTOR's storage point to fabrication yard/work site, proper storage, cutting of pipes, if required, edge preparation, bevelling, bending, fit up, pre heating, if required, providing all branch connections, reinforcement pads, threading etc, welding all fittings and specials, application of prefabrication primer and including earthwork in excavation in all types of soil for pipe trenches, saddles, etc. , including supply and filling with select fine earth or sand (fine mudroom, if fine sand or soil is not available) to level the trench to required levels and compacting, so as to provide a smooth bedding for the pipe, laying the pipes in the trenches, erection at site to required alignment and level, welding the same after laying, installation of flanges, tapping for other online instruments if required, stub connections etc. fixing of nuts and bolts, gaskets and washers, Non destructive testing as per specification, codes & standards, hydrostatic testing of the system, flushing, drying the piping with compressed air, stacking of servicable/unservicable materials and disposal of the unservicable material including return of all unused / scarp pipes to CONTRACTOR's storage point. All the pipes for underground piping shall be shot blasted and painted provided with wrapping and coating, as per the relevant specification attached elsewhere in the tender. The CONTRACTOR shall carry out holiday test, as required, to the satisfaction of the Engineer-in-Charge as specified in the tender.				
		Rates to include the followings a) Assembly and erection of underground piping system, including piping fittings such as Elbows, Reducers, Flanges, Tees, Half couplings, Reinforcement pad etc. b) All required machinery, consumables and labour. c) Preparation of final mark up and 'As Built' drawings				
4.1		200mm NB	100	metre		
4.2		150mm NB	20	metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
4.3		100mm NB	100	metre		
4.4		80mm NB	20	metre		
4.5		50mm NB	50	metre		
5.0		ABOVEGROUND GI PIPING : Laying of galvanised pipes confirming to IS 1239 & fittings confirming to IS 1239 (Galavnised) including supply of Teflon tapes, White lead etc. cutting the pipes to required length, making threads, as specified / Instructed by Engineer-in-Charge. Installation of all in line fittings/ flanges/spray nozzles/ rupture disc etc as applicable, draining & flushing and drying by air, including hook up of new lines with existing lines, modifications/ rerouting of existing lines if required etc. complete as per Drawings, specifications and instructions of Engineer-in-Charge and other related scope.				
		Rates to include the followings a) All required machinery, consumables and labour, etc. b) All work as specified in this document and relevant piping specifications as applicable. c) Work at all elevations including scaffolding, as required d) Dismantling of Special Material & instruments before hydrotest & reinstallment of the same e) Preparation of temporary arrangements/connections required for water flushing. f) Preparation of final marked up drawings (As Built Drawings).				
5.1		150mm NB	775	metre		
5.2		100mm NB	900	metre		
5.3		80mm NB	400	metre		
5.4		50mm NB	2550	metre		
5.5		25mm NB	60	metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
5.6		15mm NB	160	metre		
6.0		INSTALLATION & ERECTION OF VALVES : Erection of valves including transportation of valves from the CONTRACTOR's storage point to the work site, Erection of valves at site including lifting, placing, installing of supports at all levels & locations, leveling, aligning, jointing with Flanges/ Welding/ Threading with the adjoining piping/ piping components, Equipment nozzles, placing of proper gaskets, bolting, connecting the system to the required other system, equipment, pumps etc., and performing Positive Material Identification(PMI) using alloy analysers as per specification, drawings and directions of Engineer-in-Charge and other related scope.				
		Rates to include the following a) All required machinery, consumables and labour etc b) Work at all elevations including scaffolding, as required				
6.1		Ball Valves, Flanged (Up to 300#)				
6.1.1		200mm NB	1	Nos.		
6.1.2		150mm NB	8	Nos.		
6.1.3		100mm NB	11	Nos.		
6.1.4		80mm NB	16	Nos.		
6.1.5		50mm NB	150	Nos.		
6.1.6		20mm NB	33	Nos.		
6.1.7		15mm NB	6	Nos.		
6.2		Ball Valves, Screwed (800#)				



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
6.2.1		25mm NB	11	Nos.		
6.2.2		20mm NB	6	Nos.		
6.2.3		15mm NB	45	Nos.		
6.3		Ball Valves, Flanged (2500#)				
6.3.1		50mm NB	1	Nos.		
6.4		Gate Valves, Flanged (Up to 300#)				
6.4.1		250mm NB	4	Nos.		
6.4.2		200mm NB	2	Nos.		
6.4.3		150mm NB	17	Nos.		
6.4.4		100mm NB	27	Nos.		
6.4.5		80mm NB	19	Nos.		
6.4.6		50mm NB	42	Nos.		
6.5		Gate Valves, Socket weld (800#)				
6.5.1		20mm NB	44	Nos.		
6.6		Globe Valves, Flanged (Up to 300#)				
6.6.1		50mm NB	14	Nos.		
6.7		Globe Valves, Socket weld (800#)				



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
6.7.1		25mm NB	2	Nos.		
6.8		Check Valves, Flanged (Up to 300#)				
6.8.1		150mm NB	1	Nos.		
6.8.2		100mm NB	12	Nos.		
6.8.3		80mm NB	7	Nos.		
6.8.4		50mm NB	10	Nos.		
6.9		Check Valves, Screwed (800#)				
6.9.1		25mm NB	11	Nos.		
6.9.2		15mm NB	2	Nos.		
6.10		Needle Valve, Screwed (Up to 3000 psi)				
6.10.1		15mm NB	2	Nos.		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
7.0		ERECTION OF SPECIAL MATERIAL : Erection of Special Material including collection & transportation from the CONTRACTOR's Storage point to the Site. Erection of S.M.items at site including lifting, placing, installing supports at all levels & locations, leveling, aligning, jointing with Flanges/ Welding/ threading with the adjoining piping/ piping components, Equipment nozzles, placing of proper gaskets, bolting, connecting the system to the required other system, equipment, pumps etc., as per the Specifications, Drawings & instructions of Enginner-In-Charge and other related scope. Erection of Special Material includes erection of all type of inline filters. One item shall be considered which contains sub valves (e.g. Strainer with drain valve shall be consider as one item, Filter with drain valve shall be consider as one item). Rates to include the following a) All required machinery, consumables and labour etc b) Work at all elevations including scaffolding, as required				
7.1		Basket Type Strainers - NB80	4	Nos.		
7.2		Y-Type Strainer - NB150	5	Nos.		
7.3		Y-Type Strainer - NB100	6	Nos.		
7.4		Y-Type Strainer - NB80	2	Nos.		
7.5		Bowser loading arm - NB80	4	Nos.		
7.6		Flame arrestors, 150mm NB	4	Nos.		
7.7		Flame arrestors, 50mm NB	1	Nos.		
7.8		Injection quill	2	Nos.		
7.9		Safety Shower and Eye wash station	15	Nos.		
7.10		Dead man valve - 50mm NB CL.150 RF	17	Nos.		
7.11		Spary nozzle for Crude storage tank (5 Nos.)	210	Nos.		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
7.12		Fire extinguisher installation - DCP extinguisher (9 kg)	16	Nos.		
7.13		Fire extinguisher installation - DCP extinguisher (25 kg)	4	Nos.		
7.14		Fire extinguisher installation - CO ₂ extinguisher (4.5 kg)	2	Nos.		
7.15		Automatic Deluge valve - NB150	6	Nos.		
7.16		Automatic Deluge valve - NB100	5	Nos.		
7.17		Automatic Deluge valve - NB 80	4	Nos.		
7.18		Automatic Deluge valve -NB 50	1	Nos.		
7.19		Inline Balanced Pressure Proportioners (ILBP)	5	Nos.		
7.20		Foam Maker with Deflector for Crude storage tank (5 Nos.)	10	Nos.		
7.21		Double headed hydrants	20	Nos.		
7.22		Hose boxes	20	Nos.		
7.23		Fire water cum foam monitor	15	Nos.		
7.24		Water monitor	2	Nos.		
7.25		Four way fire brigade inlet connection	2	Nos.		
7.26		Trailer pump connectors	4	Nos.		
7.27		Fire hose reel	4	Nos.		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
8.0		<p>SUPPLY, FABRICATION AND ERECTION OF PIPE SUPPORT / PLATFORMS / DAVITS / STAIR CASE ETC.</p> <p>The job includes supply,fabrication, transportation from CONTRACTOR's storage point to work site and handling at site, fabrication at the required size and shape using steel sections, pipes, MS structural / plates etc. by cutting, bevelling and welding including fixing of MS gratings / chequered plates on platform at all elevation by welding, bolting or otherwise to existing members or equipment. This also includes fabrication of pipe supports like shoes, cradles, hangers, clamps (of all sizes/thicknesses manufactured by forming method using die), turn buckles, saddles, guides, special supports, pads, T post etc. of all types and applying one coat of primer and two coats of high built black bituminous paint and including all necessary equipments, consumables, labour, returning surplus materials and scrap etc. to CONTRACTOR's storage points and completing work as per drawings, specifications and instructions of Engineer-in-charge. This also includes Erection(at all elevations) of fabricated pipe supports, completing the work as per drawings, specifications including Modifications/rectifications, if required; and adjustment/ alignment during precommissioning, commissioning and instructions of Engineer-in-charge.</p> <p>Rates to include the followings</p> <p>a) All required machinery, consumables and labour, etc.</p> <p>b) Work at all elevations including scaffolding , as required.</p> <p>c) Supply of materials like packers, sleeves, grouting materials etc.</p> <p>d) Supports for all types of Pipes.</p> <p>e) Site welding and modification during erection, if required.</p>				
8.1		Structual steel	20	MT		
8.2		Galvanised gratings	5	MT		





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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
9.0		SPADING AND DESPADING : Opening / Supply and fixing etc. of flanges /blind flanges / spades / spectacle blinds /spool pieces at the two flange joint as and when required for elbow reversing, wedge opening etc. or any other job including handling of flanges and preparation of gaskets from the sheet including tools & tackles, consumables, supervision etc and as per engineer-in-charge.				
9.1		250mm NB	10	Nos.		
9.2		200mm NB	10	Nos.		
9.3		150mm NB	25	Nos.		
9.4		100mm NB	25	Nos.		
9.5		80mm NB	25	Nos.		
9.6		50mm NB	25	Nos.		
10.0		HYDROTESING OF PIPING WORKS Additional Hydrotesting at site for the specified pressure including blinding/deblinding, fabrication and fixing of testing connections, pressure gauge installation. Hose pipe connection and making all other arrangements as required and Draining, Flushing, Drying, cleaning by compressed air , Card Board Blasting, as applicable, reinstallation of control valves, safety valves, final box up of the piping system & making the system ready for pre commissioning of pipelines with supply of all labour, tools and tackles, instruments and instruction of the Engineer-in-Charge. The job has to be carried out at all elevations.				
10.1		250mm NB	100	metre		
10.2		200mm NB	100	metre		
10.3		150mm NB	100	metre		
10.4		100mm NB	100	metre		

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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
10.5		80mm NB	100	metre		
10.6		50mm NB	100	metre		
10.7		25mm NB	100	metre		
10.8		20mm NB	100	metre		
10.9		15mm NB	100	metre		
11.0		PAINTING : Supply of paint and primer, preparation of surfaces and application of primer and finish paint, identification (line numbering), lettering, color band, color coding etc. As specified including rub down and touch up of shop primer wherever required, providing scaffolding for all heights, labour, material, tool and tackles, consumable supervision etc. to complete the work in all respects as per Painting specifications, drawings and directions of Engineer-in-charge. Note : a. The job includes Blast cleaning (using Shots) & painting of the outer surfaces of above ground pipeline/ fittings/ specials all leads & lifts etc. complete as per enclosed specifications and instructions at site. b. The primer and paint shall be as per the painting specifications enclosed. The make and quality of paint shall be decided in consultation with OIL prior to use. c. Pipeline colour coding shall be carried out as per OIL specifications at no extra cost.				
11.1		250mm NB	600	Sq.metre		
11.2		200mm NB	2250	Sq.metre		
11.3		150mm NB	1750	Sq.metre		
11.4		100mm NB	650	Sq.metre		
11.5		80mm NB	400	Sq.metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
11.6		50mm NB	750	Sq.metre		
11.7		25mm NB	30	Sq.metre		
11.8		20mm NB	30	Sq.metre		
11.9		15mm NB	30	Sq.metre		
12.0		SUPPLY AND INSTALLATION OF THERMAL INSULATION : Supply and application of thermal insulation over piping (including pipe fittings, valves and flanges) including supply of all insulating and ancillary materials, weather protective coverings, consumable and other necessary materials, testing of materials as required, including transportation of materials to work site, sample check/inspection at site by Engineer-in-charge, applying insulation on surfaces as specified including all preparatory work there on, all binding, typing, lacing, stitching and/or otherwise securing, finishing with cladding as per specifications, providing bolts, rivets, and self tapping screws wherever specified, providing inspection windows, end seals for flanges etc., Providing steel scaffolding, all tools, tackles, equipments etc., labour, supervision and completing the work in all respect, at all heights as per drawings, specifications and instructions of Engineer- in-charge. Rates to include work at all elevations, including scaffolding as required.				
12.1		250mm NB	500	metre		
12.2		200mm NB	225	metre		
12.3		150mm NB	1500	metre		
12.4		100mm NB	900	metre		
12.5		80mm NB	550	metre		
12.6		50mm NB	1475	metre		
12.7		25mm NB	50	metre		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
12.8		20mm NB	50	metre		
13.0		SUPPLY AND INSTALLATION OF ELECTRICAL TRACING: Design, Supply and installation of electrical tracing over piping (including pipe fittings, valves and flanges) including supply of RTD for all the interconnecting pipes heat tracing circuits, Explosion proof junction box for power connection for the heat tracer, Heat tracers, installation accessories all tracing and indicator lights, weather protective coverings, consumable and other required installation accessories, testing of materials as required, including transportation of materials to work site, sample check/inspection at site by Engineer-in-charge, applying tracing on surfaces as specified including all preparatory work. It also includes providing steel scaffolding, all tools, tackles, equipments etc., labour, supervision and completing the work in all respect, at all heights as per drawings, specifications and instructions of Engineer- in-charge. Rates to include work at all elevations, including scaffolding as required.				
13.1		250mm NB	500	metre		
13.2		200mm NB	225	metre		
13.3		150mm NB	1200	metre		
13.4		100mm NB	900	metre		
13.5		80mm NB	550	metre		
13.6		50mm NB	1400	metre		
13.7		25mm NB	50	metre		
13.8		20mm NB	50	metre		



CONSTRUCTION SERVICE CONTRACT (CSC-4)



Mechanical Construction Works for GGS, East Khagorijan
IFB No. CPI0101P19

S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
14.0		UNLOADING OF EQUIPMENTS (STATIC & ROTARY), PACKAGES : Unloading of various static, rotary equipments and packages from trailers as applicable, includes skids, assemblies and subassemblies and transportation from the trailer or container to CONTRACTOR'S storage point. It also includes providing all tools, tackles, machinery, consumables, transportation equipment, labour, ancillary, etc. to complete the work in all respects as per drawings, equipment detail, specifications and instructions of the Engineer-in-Charge.				
14.1		Unloading of each Equipment, package weighing less than 20 MT	1250	MT		
14.2		Unloading of each Equipment, package weighing greater than 20 MT	550	MT		
15.0		INSTALLATION AND ERECTION OF STATIC EQUIPMENTS : Transportation of Static Equipments (Vessels, tanks, filters, drums, Pipe skids, air coolers etc.) from CONTRACTOR's storage point to work site, necessary alignment in ground as required for erection of the equipment, assembly of parts, subassemblies with interconnecting skids and any pipe installations, erection at all elevations, aligning, verticality checking, grouting, tightening of foundation bolts, welding of washer on anchor chairs, erection of wooden pillow for cold vessels, installation of mixer/agitator, internal cleaning and flushing by water, draining, drying by compressed air, connecting the equipment with related piping including preparation for startup. Job also includes supplying of all types of labour, tools, tackles, lifting arrangements, cranes, tractor trolley and equipment, machineries all consumables to complete the job in a workman like manner, erection and removal of steel scaffolding wherever required, area preparation for hot job and area cleaning after completion of work including blinding, deblinding, removal of insulation, gas cutting of bolts, chipping of foundation, flushing wherever required. All jobs are to be carried out as per the instruction and to the full satisfaction of the Engineer-in-Charge.				
15.1		BELOW 5 m INSTALLATION				
15.1.1		Erection of each Equipment weighing less than 20 MT	950	MT		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
15.1.2		Erection of each Equipment weighing greater than 20 MT	350	MT		
15.2		ABOVE 5 m INSTALLATION				
15.2.1		Erection of each Equipment weighing less than 20 MT	50	MT		
16.0		INSTALLATION AND ERECTION OF ROTATING EQUIPMENT : Transportation of rotating equipment with drives (including all types of pumps, compressors etc.) and accessories from CONTRACTOR's storage point to work site, assembly of parts /sub-assemblies, installation of baseplates for foundations, placing the equipment on prepared foundations including chipping and dressing of foundations, providing and placing packings, shims, levelling with machined and tapered metallic wedges and tack welding, grouting (Including supply and application of Non-shrink grout material), carrying out alignment of equipment with pipe and without pipe, flushing and filling of lubricant, trial runs and start up runs and providing manpower for testing, rectifying and defect and completion of works in all respects including earthing protection by way of fixing strips and electrodes as per drawings and specifications. Job also includes supplying of all types of labour, tools, tackles, lifting arrangements, cranes, tractor trolley and equipment, machineries all consumables to complete the job in a workman like manner, erection and removal of steel scaffolding wherever required, area preparation for hot job and area cleaning after completion of work including blinding, deblinding, removal of insulation, gas cutting of bolts, chipping of foundation, flushing wherever required. All jobs are to be carried out as per the instruction and to the full satisfaction of the Engineer-in-Charge.				
16.1		All type of Pumps with Drivers and all accessories				
16.1.1		Erection of each Equipment or skid weighing less than 20 MT	80	MT		
16.1.2		Erection of each Equipment or skid weighing greater than 20 MT	20	MT		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
16.2		All type of Compressors with Drivers and all accessories				
16.2.1		Erection of each Equipment or skid weighing less than 20 MT	20	MT		
16.2.2		Erection of each Equipment or skid weighing greater than 20 MT	60	MT		
16.3		Gas Engine Gensets and Diesel Gensets				
16.3.1		Erection of each Equipment or skid weighing less than 20 MT	10	MT		
16.3.2		Erection of each Equipment or skid weighing greater than 20 MT	50	MT		
17.0		DESIGN, SUPPLY, FABRICATION, ERECTION AND TESTING OF RECTANGULAR TANKS: Design, Supply of material, Fabricating, erecting, welding and testing of shell, stiffners, supports, etc including cutting, squaring, bevelling, etc., marking the plates for identification, lifting & placing the plates in position by any approved methods for the horizontal rectangular tanks of following size as per our specifications and drawings with Carbon Steel plates and all other items such as labour. Rates quoted should include hydrostatic testing for tank (on completion, tank has to be tested as per standards) etc. complete in all respects. Rates to include the following : a) Item rate should include shifting of steel plates within the premises and conducting various tests on tanks during fabrication as per codes, standards and specifications and includes hydrotesting. b) Supply of plates, nozzles, manways, bug screen, partition tank etc. for the tank c) Rectangular tank shall be erected over 15m high structural platform. d) Item includes Radiographic Inspection of welds as per specifications, codes and standards. e) External and internal painting for tanks. f) Civil & Tank structural support items are excluded from the scope.				
17.1		Potable water tank - 30 cu.m	1	EACH		





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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
17.2		Industrial water tank - 20 cu.m	1	EACH		
18.0		DESIGN, SUPPLY, FABRICATION, ERECTION OF ACOUSTIC ENCLOSED SHED: Design, Supply of material, Fabricating, erecting, of Acoustic enclosed shed for Gas engine driven LP Gas compressor package for reducing the Noise level from 110 dBA to 75 dBA @ 1m distance from the surface of the shed. Ventilation fan / Exhaust fan for the shed will be provided by others and Contractor shall erect the same.				
18.1		Acoustic shed for LP Compressor package	2	EACH		
19.0		SUPPLY AND ERECTION OF STAINLESS STEEL TUBING MATERIAL: Procurement, Supply, unloading, safe storage, transportation to work site, erection of ASTM A269 TP316 seamless tubing material along with necessary fitting, supporting clamps etc. as required for Chemical injection system.				
19.1		Tube 1/2 inch as per GT20 spec	600	m		
20.0		SECURITY SERVICES: Providing security services at the installations for the complete project works on round the clock basis. Contractor shall engage only physically fit persons and shall ensure safety of properties, personnel and vehicles.				
20.1		Security guards	72	Man-month		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
21.0		PRE-COMMISSIONING / COMMISSIONING ASSISTANCE Providing skilled contract assistance for any miscellaneous works and as directed for project commissioning activities on round the clock basis. Contractor shall engage only physically fit experienced labour with tools and tackles including machinery and consumables etc. (Quote rate per person/man day for 12 hour duty)				
21.1		Skilled contract assistance - For normal working day (12 hours duty)	120	Man-day		
21.2		Skilled contract assistance - For declared holidays & Sundays (12 hours duty)	20	Man-day		
21.3		Unskilled contract assistance - For normal working day (12 hours duty)	200	Man-day		
21.4		Unskilled contract assistance - For declared holidays & Sundays (12 hours duty)	30	Man-day		
22.0		Supply & Installation of Brick work with Fire clay Bricks of Low/Moderate/heavy duty bricks as per specification including cement mortar of 1:4 (1 Cement : 4 Coarse Sand) for Enclosed ground flare erection.	55	CUM		
23.0		TOTAL AMOUNT FOR PART-B SERVICES IN INR				

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4.0 PART C - TANKAGE WORKS FOR CSC 4
(Includes Civil, Dyke wall for Crude tanks, Tank supply and construction as per API 650)

S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		CIVIL SCOPE OF WORK				
1.0		Bored Cast-In-Situ Pile Foundation (M-25Grade RCC)				
		Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains including dressing of sides & ramming of bottoms, lift, including removal of the excavated soil, providing shoring, strutting, de-watering as required & disposal of surplus excavated soil as directed within or outside the site at an unobjectionable place and keeping the surface dry for subsequent work. Note: a.Payment shall be restricted to PCC lines only. b.During excavation if any foreign materials like pipes, plates etc., the same to be removed by using gas cutting if required and to be stored in a place.				
1.1.1		In any kind of Soil up to 1.5 m depth	2800	CUM		
1.1.2		1.5m to 3m depth	1250	CUM		

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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
1.2		<p>Supply & filling imported/borrowed earth of approved quality, in plot, trenches, sides of trenches etc. in layers not exceeding 20 cm in depth each deposited layer by ramming and watering. Item includes compaction using Vibratory Roller of 8 to 10 ton capacity for earth work in under optimum moisture conditions to give at least 95% of the maximum dry density (Proctor Density) as per IS2720 part - 8 .</p> <p>Note:</p> <p>a. Payment shall be made by computing the compacted volume of fill computed from the initial & final levels using Simpson's Rule. Net quantity of compacted earth shall be paid & no compensation whatsoever on account of subsidence of soil etc shall be permitted.</p> <p>b. Tenderers to note that the scope of works include provision of permanent & temporary bench marks (RCC pedestal of size 300 mm x 300 mm approx with necessary base plate) as per the instructions of the Site Incharge.</p> <p>c. Tenderers to note that approval from OIL/CONSULTANT shall be obtained for the imported earth & quarry used for mass filling & necessary test reports from a Govt Engg Colleges/Universities have to be submitted for the parameters specified by OIL/CONSULTANT prior to undertaking filling in the site.</p> <p>d. Item rate is inclusive of applicable Royalty for the imported earth & necessary receipts/ NOC from concerned Authorities to be submitted by the Contractor.</p> <p>e. Under no circumstances black cotton/expansive type of soil shall not be used for filling.</p> <p>f. The rate includes the Compaction test for the filled up soil.</p>	1200	CUM		
1.3		Supply and Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidation each deposited layer by ramming (mechanical means) and watering, within premises and including all lifts.	3000	CUM		
1.4		Supply & filling coarse sand of Zone III in SAND PAD foundation in layers not exceeding 200mm. Each deposited layer shall be compacted by mechanical vibration and watering to achieve minimum relative density 85 %. Last layer of sand pad to be prepared in desired slope.	650	CUM		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
1.5		<p>LDPE SHEETS : Providing, Laying & welding Black LDPE 250 Micron Thickness (1000 gauge) Sheet over as per IS 2508-1984. The joints in the film shall be heat sealed in situ during laying of the film using a 3 sealer iron and checked carefully. The material shall be brought from Approved manufacturers. Anchoring the LDPE film at the periphery of the tank pad as per the drawing to be done. Brickwork/ Foundations for anchoring will be paid under respective items.</p> <p>Note:</p> <p>a. Material must accompany with Manufacturer's Test Certificate</p> <p>b. The smooth LDPE sheet shall have minimum length of 150 m and minimum width of 7 m or higher to reduce the no of welding/seaming points and to expedite the installation.</p> <p>c. The overlapping and welding area shall be marked with a white line to assure an optimum welding.</p> <p>d. The liner material shall be supplied with a 125 mm-film sheet along the roll longitudinal edges in order to keep this zone clean and to stop oxidization. This film shall be removed immediately before welding.</p> <p>e. The Contractor shall submit to the EIC/Consultant complete copies of the liner manufacturer's standard specifications and requirements for liner installation seam welding, inspection and testing requirements, and all quality control procedures.</p> <p>f. The LDPE film shall be measured for the area laid as per drawing in plan. No extra payment for the overlaps, wastages, anchoring lengths shall be made</p>	2400	SQM		



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
		BORED CAST-IN-SITU PILE WORKS Notes:- a. This rate also include collecting, conveying, loading, transportation of muck, clay, bentonite slurry and other fluid particles along with soil to an unobjectionable place outside the terminal premises and oil/consultant will not be responsible for any irregularities by the party regarding dumping of the earth/muck/mud/debris. In case of any default by the party regarding the above,OIL/CONSULTANT will be forced to take necessary action suitably. b. The piling job to include providing temporary casing pipe as per requirement of the site , bentonite slurry mixing plant and circulation plant, including filling of the bore hole with bentonite, hire and installation charges for all other tools, rigs & plants as necessary. c. The piling job to include providing temporary casing pipe as per requirement of the site , bentonite slurry mixing plant and circulation plant, including filling of the bore hole with bentonite, hire and installation charges for all other tools, rigs & plants as necessary. d. The item is inclusive of all other sundry charges like oil, stores, testing equipments for routine load tests namely vertical (successive & cyclical), lateral and pullout on working piles and others as deemed necessary as per IS-2911 Part 4 and as per enclosed specifications and standard engineering practices & relevant latest IS codes etc, complete as per approved drawings & instruction from consultant. Rate quoted shall include conducting routine load tests on working piles as per relevant codal provisions and replacement & re-casting of additional piles in case of failure in the load tests. Load tests to be repeated in case of failure as above complete as per codal provision and as directed by consultant. e. Rate exclude the reinforcement along with Pile concrete will be terminated pile cutoff level, chipping of concrete of cast-in-situ piles already cast to the correct lines and disposal of the debris to an unobjectionable place outside the terminal premises. The exposed reinforcement shall be applied two coats of cement slurry as per the directions of consultant. f. The quoted rate shall include all necessary testing of building materials, mobilization, demobilization, cleaning of the site etc complete and job to be completed in all respect as per attached technical specification and as per direction of consultant. g. No additional payment shall be made on account of the above.				





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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
1.6		Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 of specified diameter and length below pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by Crawler mounted, telescopic boom hydraulic piling Rig all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note: a.Truck Mounted rotary/TMR/Tube well boring machine shall not be used. b.Minimum Cement content shall be @ 400 kg/cum of concrete or more. Less cement used as per design mix is recoverable separately.				
1.6.1		600 mm dia piles	9060	M		
		PILE LOAD TEST				
1.7		Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge/Anchor piles method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge. Note: 1. Initial and Routine Load Test shall not be carried out by Dynamic method of testing. Note: 2. Testing agency shall submit the design of loading platform for the approval of Engineer-in-charge. Note: 3. The below test should be tested for the working pile also.				
		Single pile above 50 tonne and upto 100 tonne Safe capacity				
1.7.1		Initial test (Test Load 2.5 times the Safe capacity)	6	PER TEST		
1.7.2		Routine test (Test load 1.5 times the Safe Capacity)	6	PER TEST		
1.8		Lateral load testing of single pile in accordance with IS Code of practice IS : 2911 (Part IV) for determining safe allowable lateral load on pile :				
1.8.1		Above 50 tonne and upto 100 tonne capacity pile	6	PER		

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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
				TEST		
1.9		Pull-Out load testing of single pile in accordance with IS Code of practice IS : 2911 (Part IV) for determining safe allowable tension load on pile :				
1.9.1		Above 50 tonne and upto 100 tonne capacity pile	6	PER TEST		
1.10		Integrity testing of Pile using Low Strain/ Sonic Integrity Test/ Sonic Echo Test method in accordance with IS 14893 including surface preparation of pile top by removing soil, mud, dust & chipping lean concrete lumps etc. and use of computerised equipment and high skill trained personal for conducting the test & submission of results, all complete as per direction of Engineer-in-charge. Note :- No of pile may be various as per the drawing	320	PER TEST		
2.0		Plain&Reinforced Concrete Works				
		Note: a. Mixing of concrete shall be with mechanical mixer of adequate capacity to be approved by Site Engineer. b. Curing of concrete including supplying & providing water & Compaction shall be part of the rates. c. Payment shall be made as per drawing dimensions. d. Rates are included for testing of cement , concrete cube test, reinforcement etc., e. The rates includes cost for centring and shuttering works. f. 6mm thick wire mesh shall be provided for the pavement inside dyke area in the P.C.C				
2.1		Providing and laying in position cement concrete of specified grade excluding cost of centering and shuttering - All work up to plinth level:				
2.1.1		1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	200	CUM		
2.1.2		1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	550	CUM		
		REINFORCED CEMENT CONCRETE M-25				





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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
2.2		<p>Providing and laying in position, machine batched, machine mixed design mix of M-25 grade cement concrete for reinforced cement concrete work, using cement as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement. including Admixtures in recommended proportions as per IS 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Minimum Cement content shall be @ 330 kg/cum of concrete or more. Less cement used as per design mix is recoverable separately). Note:</p> <p>a. Contractor shall be permitted to convert design mix of concrete to be arrived at based on laboratory testing into suitable volumetric mix in to order to achieve required design strength. b. Batch mixing plant of capacity to be approved by Site Engineer for the works shall be installed by the Contractor at site along with required NOCs from concerned Authorities. Alternately, Contractor shall also be permitted to use RMC (if available) at no extra cost to OIL & after obtaining prior approval from Engineer In-Charge. c. For small quantities (up to 5 cum per day), mixing & placing of concrete using mechanical mixer shall be permitted with the prior approval of Site Engineer. d. Hacking of exposed surface of green concrete (wherever applicable) as Key to plaster shall be done at no extra cost to OIL.</p>				
2.2.1		M-25 grade reinforced cement concrete UP TO PLINTH LEVEL	2150	CUM		
		SHUTTERING				
2.3		Centering and shuttering including strutting, propping etc. and removal of form for :				
2.3.1		Foundations,footings,bases of columns, etc. for mass concrete	900	SQM		
2.3.2		Walls (any thickness) including attached pilasters, buttress, plinth and string courses etc.	4150	SQM		
		REINFORCMENT				

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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
2.4		Supply of Reinforcement for R.C.C. including straightening, cutting, bending, placing in position & binding all complete at all levels using Thermo Mechanically Treated Bars Fe- 500 grade, Conforming to IS1786. Note: a. Rate includes the cost of binding wire, laps, chairs & spacer bars which shall not be measured for the purpose of payment. b. Reinforcement shall range as per drawings. c. Rate also includes providing necessary cover blocks in CM 1:2 as per required thickness & as per drawings.	288000	Kg		
3.0		STRUCTURAL STEEL WORKS				
		Note:- a. The rate shall include erecting necessary scaffolding works wherever required and covering working area during blast cleaning with tarpaulin sheets of good quality to prevent spreading of dust, paint to the nearby operating areas b. All Structural steel, standard fixtures & fasteners will be in the scope of contractor c. After fabrication and return of unused/scrap/unserviceable steel to owner's store and material reconciliation etc. all complete as specified & directed. d. The rate quoted shall include cost of bolts, nuts, washers, painting as per specification, welding and electrodes and any other consumables required for completing the work. The bolts , nuts , washers, welds etc shall not be separately measured and paid for. e. Grating shall be hot dip galvanized.				



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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
3.1		Supplying & Fabricating, erecting in position and testing / examining bolted and/or Welded STRUCTURAL STEEL WORKS at all levels and locations, including all type of sections, built-up sections/compound sections made out of rolled sections and/or plates/bent plates in columns, portals, racks, frameworks, crane gantries, bracings, floor beams, lifting beams, monorails, platforms, staircases, purlins (excluding chequered plates and gratings), ladders, stoppers, brackets, supports for equipment, anchor bolts and hand railing, posts, etc., handling, transporting the same from store/issue points to site workshop and site of work, storing, cutting to required size, straightening/bending if required, edge preparation, cleaning, preheating, bolting/welding of joints, including sealing the joints of box sections with continuous welding, finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection, grouting with Ordinary Grout or premix free flow Non-Shrink Grout as specified in specification, preparing the surface for grid blasting, painting and applying shop primer FOR THE SURFACES WHERE DAMAGES OCCURRED/OBSERVED as per Specification or Job Specification, wherever applicable. Final finished colour shall be approved quality and colour as directed by OIL/CONSULTANT.	75000	KG		
3.2		Supplying & Fabricating and erecting in position at all levels and locations bolted, clamped and /or welded GI GRATING made out of M.S. flats/M.S. flats with M.S. rounds in walkways, platforms, stair treads etc. including cutting to required size, shape, making holes, notches, openings of required size, nosing, straightening if required, making the edges smooth, removing the burrs, fabricating clamps, fixing, welding and preparing the surfaces for, surface cleaning, wire brushing, dust, rust, oil or grease and painting after fabrication etc. all complete as specified and directed. All gratings, nut and bolts shall be galvanized as per specification	16000	KG		
3.3		Supplying, fabricating and fixing in position at all locations 1000mm high HAND RAILING (for staircases & decks) consisting of top rail, mid rail, toe guard (100 x 6thk ms flat) and vertical posts (Maximum spacing 1500mm c/c) with 32mm nominal diameter medium grade M.S. Tubes conforming to IS:1239 including straightening if required, cutting, bending, welding, bolting, grouting with ordinary grout, cleaning, surface preparation, shop primer and final paint as per SPEC etc. all complete as specified, shown and directed. (SUPPLY OF ALL MATERIALS IN CONTRACTOR'S SCOPE). Complete handrail work shall be measured as length of top rail only and not length of each element fixed).	12000	Kg		





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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
3.4		Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910, on 12 mm dia steel bar conforming to IS: 1786, having minimum cross section as 23 mmx25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	50	EACH		
4.0		WATER PROOFING				
4.1		Providing and fixing in position pre-moulded joint filler in expansion per cm joints. depth per cm width	50	METER		
4.2		Providing and laying in position bitumen hot sealing compound for expansion joints etc. Using grade 'A' sealing compound. per cm depth per cm width	50	METER		
4.3		Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete :				
4.3.1		Dumb bell with central bulb (180 mm wide, 8 mm thick)	300	METER		
4.4		Supplying and laying bituminous carpet of 75mm thick for sand pad in two layers using Bitumen of grade VG-10, @100kg/Cum of sand grit of fineness modulus 3.5max. Including making slope in the sand pad including rolling the surface with Handroller. Item includes laying of 250 micron black LDPE liner as per IS 2508 under the desired layer of sand.	700	SQM		
4.5		Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes. Note:- Fixing clamp for rainwater pipe will not paid separately				
4.5.1		110 mm diameter	200	M		
		MECHANICAL SCOPE OF WORKS				

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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
5.0		SUPPLY, FABRICATION, ERECTION, TESTING AND PAINTING OF FIXED CONICAL ROOF VERTICAL STORAGE TANKS AS PER API650 Preparation and submission of detailed drawings including plate cutting details, shell plate, bottom plate, roof & structure, nozzles details, appurtenances details, rafter design and its calculation, design of cathodic protection etc.				
		Procurement, supply, and transportation to worksite including loading, unloading, handling and safe storage inside the Plant premise for the following tank plate material, piping (Fire water ring, Foam, any piping from tank bottom to roof, Dip piping) with supports, manholes & nozzles, anchor chairs & bolts, curb angle, wind girders, settlement marker, side entry mixers, heating coil, bottom sump, earthing boss, PVRV, Emergency hatch, cathodic protection, painting etc. as per the requirements of Tank General arrangement drawings, specification, standards, instructions of Owner/ Engineer-in-Charge and other provisions of Contract.				
		Fabrication, erection, welding, testing and commissioning of bottom, shell, wind girders, fixed roof for vertical tanks, etc. including cutting, squaring, bevelling, rolling etc. marking the plates for identification, lifting the plates in position by hydraulic jacking method. Installation of Tank appurtenances such as Side entry mixer, PVRV, Emergency hatch, Heating coil etc. and Loose supplied items such as Spray nozzles & Foam pourer for crude tanks.				
		The Rates also includes the following, a) All required equipments, consumables and labour, etc for tank works. b) Providing and fixing scaffolding system on the exterior & interior side, up to required height. Scaffolding shall be provided only in metallic tubular pipes. Scaffolding should be retained till the completion of painting /calibration. c) Supplying and filling of water for conducting Hydro-testing of storage tanks including supply of all water conveying pipes, water pumps & all material and labour as required. Water after hydrostatic testing of tanks shall be emptied from the tanks including cleaning of the bottom plates & sumps, boxing up of tank. d) Radiography including arranging source, film / material, carrying out radiographic tests, vacuum box test for bottom plate welds and other types of necessary testing, flushing, cleaning, etc. e) calibration of storage tanks including strapping with tapes, providing scaffolding for calibration, calibration chart etc. f) PAINTING OF TANKS: (Including supply of all paints, thinner, material, equipment & labour) Surface preparation by Blast cleaning and painting of the following tanks as per details of painting specification given in General Arrangement drawings.				





CONSTRUCTION SERVICE CONTRACT
(CSC-4)
Mechanical Construction Works for GGS, East Khagorijan
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S. No.	Item No.	Description	Qty	Unit	Unit rate in INR	Amount in INR
5.1		Clarified water storage tank - 8.5 M DIA X 12 M HIGH CRVT - 30MT (approx)	2	Nos.		
5.2		Fire water storage tank - 8.3 M DIA X 10 M HIGH CRVT - 26MT (approx)	2	Nos.		
5.3		Off-spec effluent water storage tank - 8.5 M DIA X 12 M HIGH CRVT - 30MT (approx)	1	Nos.		
5.4		Off-spec crude storage tank - 8.3 M DIA X 12 M HIGH CRVT- 30MT (approx)	1	Nos.		
5.5		Skim oil tank - 5.8 M DIA X 8 M HIGH CRVT - 15MT (approx)	1	Nos.		
5.6		Crude oil test tank - 6 M DIA X 8 M HIGH CRVT- 15MT (approx)	1	Nos.		
5.7		Treated crude storage tank - 9.6 M DIA X 14 M HIGH CRVT - 42MT (approx)	2	Nos.		
		Total amount for Tankage supply and erection including Civil and Mechanical works in INR				

END of SOR

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19</p>	
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SCHEDULE OF PAYMENTS

A. SUPPLY OF PIPES, FITTINGS, VALVES & SPECIALITY ITEM AS PER PART-A OF SOR

1. 10% on issuance of sub-order and submission of equivalent bank guarantee valid till receipt and acceptance of material at site plus three Months claim period.
2. 75% on receipt and acceptance of material at site.
3. 15% on final receipt and acceptance of material and thereof.

B. SERVICES AS PER PART-B OF SOR

FOR Sl.No. 1.0, 2.0, 3.0, 4.0 and 5.0 [Carbon Steel Above Ground Piping (Hydrocarbon Service), Carbon Steel Above Ground Piping (Non-Hydrocarbon Service), Stainless Steel Above Ground Piping, Underground Piping, Aboveground Gi Piping]



1. 40% after fabrication including NDT, as applicable.
2. 40% after site erection, field welding, providing Vents, Drains, Radiographic.
3. 10% after Flushing, Hydrotesting, Testing, Drying.
4. 10% on completion of all works in all respects and issuance of completion certificate.

FOR Sl.No. 8.0 [Supply, Fabrication And Erection Of Pipe Support / Platforms / Davits / Stair Case Etc.]

1. 45% on receipt and acceptance of material at site..
2. 45% on on fabrication including NDT as applicable, Site Alignment, Site Erection & other examinations.
3. 10% on completion of all works in all respects and issuance of completion certificate

FOR Sl.No. 11.0[Painting]

1. 30% on surface preparation and primer painting at shop / fabrication yard.
2. 60% on completion of final painting (Further break up of payment schedule, if necessary, shall be recommended / approved by Engineer-in-charge depending on number of intermediate coats.)
3. 10% on completion of all works in all respects and issuance of completion certificate.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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FOR Sl.No. 12.0, 13.0 and 17.0 [Supply And Installation Of Thermal Insulation, Supply And Installation Of Electrical Tracing, Design, Supply, Fabrication, Erection And Testing Of Rectangular Tanks]

1. 10% on issuance of sub-order and submission of equivalent bank guarantee valid till receipt and acceptance of material at site plus three months claim period.
2. 40% after receipt and acceptance of material at site.
3. 40% on fabrication including NDT, as applicable. after site erection, field welding, radiographic and other examination, flushing, testing, draining and drying and mechanical completion.
4. 10% on completion of all works in all respects and issuance of completion certificate.

FOR Sl.No. 20.0 [Security Services]

1. 100 % Monthly Invoice

FOR ALL OTHER SERVICES OF PART-B FOLLOWING PAYMENT SCHEDULE WILL BE FOLLOWED

1. 90% against monthly progressive bills (based on agreed billing schedule) duly certified by Engineer-in-charge.
2. 10% on successful completion of site work and handing over of goods/equipment at Site.



C. SUPPLY & SERVICES AS PER PART-C OF SOR

CIVIL - SUPPLY OF REINFORCED STEEL

1. 10% on issuance of sub-order and submission of equivalent bank guarantee valid till receipt and acceptance of material at site plus three Months claim period
2. 60% on receipt and acceptance of material at site.
3. 20% on cutting, laying and acceptance thereof.
4. 10% on completion of all works in all respects and issuance of completion certificate.

FOR CONSTRUCTION SERVICES

1. 90% against monthly progressive bills (based on agreed billing schedule) duly certified by Engineer-in-charge.
2. 10% on successful completion of site work and handing over of goods/equipment at Site.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19</p>	
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FOR MECHANICAL SERVICES

1. 10% on issuance of sub-order and submission of equivalent bank guarantee valid till receipt and acceptance of material at site plus three Months claim period
2. 20% after receipt and acceptance of material at site.
3. 5% after receipt of all balance material
4. 40% after fabrication, erection, field welding, radiographic and other examination.
5. 10% after Hydrotesting
6. 05% against Calibration, Painting and Completion in all aspects
7. 10% on completion of all works in all respects and issuance of completion certificate.

GENERAL NOTES:

(i) Wherever taxes/duties are separately indicated, the order value shall be exclusive of taxes/duties. 100% payment of taxes/duties shall be paid along with the payment released against dispatch documents on receipt of GST tax invoice.

(ii) Payment to Indigenous SUPPLIER's shall be released through Electronic Clearing System (ECS).

(iii) Payment to Contractor will be made during the term of the contract the amount due calculated according to the rates of payment set in accordance with other provision hereof.

(iv) All payments due by company to contractor shall be made at the contractors designated bank. All bank charges will be to Contractor's account. Payment will be cleared on monthly basis only.

(v) Payment of any invoices shall not prejudice the right of Company to question the validity of any charges therein, provided Company within one year after the date of payment shall make and deliver to Contractor written notice of objection to any item or items the validity of which Company questions.

(vi) The Company shall within 20 days of receipt of the invoice notify Contractor of any item under dispute, specifying the reasons thereof, in which event, payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion within 30 days subject to necessary approval.

(vii) The acceptance by Contractor of part payment on any billing not paid on or before the due date shall not be deemed a waiver of Contractor's rights in respect of any other billing, the payment of which may then or thereafter be due.

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(viii) Contractor shall maintain complete and correct records of all information on which Contractor's invoices are based up to two (2) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query / objection. Any audit conducted by Company of Contractor's records, as provided herein, shall be limited to Company's verification (i) of the accuracy of all charges made by Contractor to Company and (ii) that Contractor is otherwise in compliance with the terms and conditions of this Agreement.



ANNEXURE II- A: BREAK UP OF SCHEDULE OF RATES/PRICES.

NOT APPLICABLE

[ANNEXURE - III TO SPECIAL CONDITIONS OF CONTRACT]

APPROVAL OF CONSTRUCTION SUB-CONTRACTOR

NOT APPLICABLE

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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[ANNEXURE - IV TO SPECIAL CONDITIONS OF CONTRACT]

QUALIFICATION & EXPERIENCE OF KEY SUPERVISORY PERSONNEL

1. Project Manager - Engineering Graduate with 10 years experience in Plant construction Industry.
2. Construction Manager - Engineering Graduate with 8 years experience in Plant construction Industry.
3. HSE Officer - Graduate with 02 years experience in HSE job/Diploma in HSE having experience of minimum 03 years working as Safety Officer in engineering construction job.
4. QA/QC Engineer - Engineering Graduate with 2 years experience on QA/QC job, or Diploma in engineering with 4 years of QA/QC job.
5. Site Supervisors: they should be a Diplmo holder in their respective field with 2 years experience in Construction Industries.
6. Site Engineer – Mechanical Engineering Graduate with minimum 2 years of work experience in Plant Site Construction acitivities.
7. Store Keeper / Store In-charge – Graduate with minimum 2 years experience in receiving, storing, and distributing material. The incumbent will also keep accurate inventory balances and maintaining a safe work environment in accordance with established policies and practices.

[ANNEXURE - V TO SPECIAL CONDITIONS OF CONTRACT]

QUALITY MANAGEMENT SYSTEM

**CSC CONTRACTOR TO SUBMIT THEIR QUALITY MANAGEMENT POLICY AND
QUALITY MANUAL WITH QMS CERTIFICATE**



[ANNEXURE - VI TO SPECIAL CONDITIONS OF CONTRACT]

HEALTH, SAFETY AND ENVIRONMENT (HSE) MANAGEMENT

**CSC CONTRACTOR TO SUBMIT THEIR HSE MANAGEMENT POLICY AND HSE
MANUAL WITH HSE CERTIFICATE**

**CONSTRUCTION SERVICE CONTRACT
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ANNEXURES TO BID PACKAGE

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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ANNEXURE –A: LIST OF ITEMS

(Related To NIL Customs Duty and Concessional GST Applicable for Projects in ML/PEL Area)

NOT APPLICABLE

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ANNEXURE -B: INTEGRITY PACT

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as
"The Bidder/Contractor"

Preamble :



The Principal intends to award, under laid down organizational procedures, contract/s forThe Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal co-operates with the renowned international Non-Governmental Organisation "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an External Independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p style="text-align: center;">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p style="text-align: center;">Mechanical Construction Works for GGS, East Khagorijan</p> <p style="text-align: center;">IFB No. CPI0101P19</p>	
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3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder/Contractor



(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anti-corruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

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(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3- Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.



1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9 – Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion

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from future business dealings.

Section 4 - Compensation for Damages



1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit/Performance Bank Guarantee.
3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 - Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors

1. The Principal will enter into Pacts on identical terms with all bidders and contractors.
2. The Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact. The bidder/contractor shall be responsible for any violation(s) of the provisions laid down in this Agreement/Pact by any of its sub-contractors/sub-vendors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.



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Section 7 - Criminal charges against violating Bidders/Contractors/Sub-contractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Sub-contractor, or of an employee or a representative or an associate of a Bidder, Contractor or Sub-contractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 - External Independent Monitor/Monitors

1. The Principal appoints competent and credible External Independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.
3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub-contractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.
4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

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7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section 10 - Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The Arbitration clauses provided in the main Tender document/contract shall not be applicable for any issue/dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.



For the Principal

For the Bidder/Contractor

Place: Duliajan.
Date : .

Witness 1 :

Witness 2 :

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ANNEXURE-C

Format of undertaking by Bidders towards submission of authentic
information/documents

(To be typed on the letter head of the bidder)

Sub: Undertaking of Authenticity of Information/Documents Submitted

Ref: IFB No. _____

Dated _____

To,

GM (Projects-C&P),
PROJECTS DEPARTMENT,
OIL INDIA LIMITED, DULIAJAN
ASSAM-786 602, INDIA

Sir,

With reference to above-referred IFB No._____, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.



Yours faithfully,
For (Type Name Bidder)

Signature of Authorised Signatory

Name :

Designation :

Phone No.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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Place :

Date :



(Affix Seal of the Organization here, if applicable)

**ANNEXURE -D
PROFORMA OF CONSORTIUM AGREEMENT**

NOT APPLICABLE.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMAS

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-A LIST OF ITEMS



(Equipment, Tools, Accessories, Spares & Consumables)

NOT APPLICABLE.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-A1

NOT APPLICABLE.

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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**PROFORMA-B
BIDFORM**

To
M/s. Oil India Limited,
P.O. Duliajan, Assam, India

Sub: IFB No.

Gentlemen,

Having examined the General and Special Conditions of Contract and the Terms of Reference including all attachments thereto, the receipt of which is hereby duly acknowledged, we the undersigned offer to perform the services in conformity with the said conditions of Contract and Terms of Reference for the sum of _____ (Total Bid Amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to commence the work within (_____) days calculated from the date both parties have signed the Contract.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum not exceeding _____ for the due performance of the Contract.

We agree to abide by this Bid for a period of 120 days from the date fixed for Bid closing and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof in your notification of award shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Bid you may receive.



Dated this _____ day of _____ 2018.

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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PROFORMA-C

STATEMENT OF NON-COMPLIANCE
(Only exceptions/deviations to be rendered)

The Bidder shall furnish detailed statement of exceptions/deviations, if any, to the tender stipulations, terms and conditions in respect of each Section of Bid Document in the following format:

Section No.	Clause No. (Page No.)	Non-Compliance	Remarks



Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

NOTE: OIL INDIA LIMITED expects the bidders to fully accept the terms and conditions of the bid document. However, should the bidders still envisage some exceptions/deviations to the terms and conditions of the bid document, the same should be indicated as per above format and submit along with their bids. If the "Statement of Compliance" in the above Proforma is left blank (or not submitted along with the technical bid), then it would be construed that the bidder has not taken any exception/deviation to the tender requirements.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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PROFORMA-D

FORM OF BID SECURITY (BANK GUARANTEE)

To:

M/s. OIL INDIA LIMITED,
GM (Projects - C&P),
Projects Department,
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India



WHEREAS, (Name of Bidder) _____ (hereinafter called "the Bidder") has submitted their offer Dated _____ for the provision of certain oil field services (hereinafter called "the Bid") against OIL INDIA LIMITED, Duliajan, Assam, India (hereinafter called the Company)'s IFB No. KNOW ALL MEN BY these presents that we (Name of Bank) _____ of (Name of Country) _____ having our registered office at _____ (hereinafter called "Bank") are bound unto the Company in the sum of (*) for which payment well and truly to be made to Company, the Bank binds itself, its successors and assignees by these presents. SEALED with the common seal of the said Bank this ____ day of ____ 2018.

THE CONDITIONS of these obligations are:

- (1) If the Bidder withdraws their Bid during the period of Bid validity specified by the Bidder; or
- (2) If the Bidder, having been notified of acceptance of their Bid by the Company during the period of Bid validity:
 - (a) Fails or refuses to execute the form of agreement in accordance with the Instructions to Bidders; or
 - (b) Fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

We undertake to pay to Company up to the above amount upon receipt of its first written demand (by way of letter/fax/cable), without Company having to substantiate its demand provided that in its demand Company will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date(**) and any demand in respect thereof should reach the Bank not later than the above date.

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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SIGNATURE AND SEAL OF THE GUARANTORS _____

Name of Bank & Address _____

Witness _____

Address _____

 (Signature, Name and Address)

Date: _____

Place: _____

* The Bidder should insert the amount of the guarantee in words and figures.

** Date of expiry of Bank Guarantee should be as specified in the tender document.



Note: The bank Guarantee issued by the Bank must be routed through SFMS Platform as per following details:

- a. (i) MT 760/MT 760 COV for issuance of Bank Guarantee
 (ii) MT 760/MT 767 COV for amendment of Bank

Guarantee

The above Message/Intimation shall be sent through SFMS by the BG issuing Bank Branch to Axis Bank, Duliajan Branch, IFS Code- UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District: Dibrugarh, PIN: 786602”

b. Bidders should submit the copy of SFMS Message as sent by the issuing Bank Branch along with the original Bank Guarantee.

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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PROFORMA -E

FORM OF PERFORMANCE BANK GUARANTEE

To:
 M/s. OIL INDIA LIMITED,
 GM (Projects - C&P),
 Projects Department,
 Oil India Ltd.,
 P.O. Duliajan - 786 602
 Assam, India



WHEREAS _____ (Name and address of Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contract No. _____ to execute (Name of Contract and Brief Description of the Work) _____ (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee; NOW THEREFORE we hereby affirm that we are Guarantors on behalf of the Contractor, up to a total of (Amount of Guarantee in figures) _____ (in words _____), such amount being payable in the types and proportions of currencies in which the Contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein. We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or the work to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way cease us from any liability under this guarantee, and we hereby waive notice of such change, addition or modification.

This guarantee is valid until the date _____ (calculated at 3 months after Contract completion date and defect liability period).

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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SIGNATURE AND SEAL OF THE GUARANTORS _____

Designation _____

Name of Bank _____

Address _____

Witness _____

Address _____

Date

Place _____

Note: The bank Guarantee issued by the Bank must be routed through SFMS Platform as per following details:



- a. (i) MT 760/MT 760 COV for issuance of Bank Guarantee
(ii) MT 760/MT 767 COV for amendment of Bank Guarantee

The above Message/Intimation shall be sent through SFMS by the BG issuing

Bank Branch to Axis Bank, Duliajan Branch, IFS Code- UTIB0001129.

Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District: Dibrugarh, PIN: 786602”

- b. The Contractor/gSupplier should submit the copy of SFMS Message as sent by the issuing Bank Branch along with the original Bank Guarantee.

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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PROFORMA-F

AGREEMENT FORM

This Agreement is made on ____ day of _____ between Oil India Limited, a Government of India Enterprise, incorporated under the Companies Act 1956, having its registered office at Duliajan in the State of Assam, hereinafter called the "Company" which expression unless repugnant to the context shall include executors, administrators and assignees on the one part, and M/s _____ (Name and address of Contractor) hereinafter called the "Contractor" which expression unless repugnant to the context shall include executors, administrators and assignees on the other part,



WHEREAS the Company desires that Supply of _____ (brief description of supplies) should be provided by the Contractor as detailed hereinafter or as Company may requires;

WHEREAS, Contractor engaged themselves in the business of offering such supplies represents that they have adequate resources and equipment, material etc. in good working order and fully trained personnel capable of efficiently undertaking the operations and is ready, willing and able to carry out the said supplies for the Company as per Section-II attached herewith for this purpose and

WHEREAS, Company accepted the bid submitted by the Contractor and had issued a firm Letter of Award No. _____ dated _____ based on Offer No. _____ dated _____ submitted by the Contractor against Company's IFB No. _____. All these aforesaid documents shall be deemed to form and be read and construed as part of this agreement/contract. However, should there be any dispute arising out of interpretation of this contract in regard to the terms and conditions with those mentioned in Company's tender document and subsequent letters including the Letter of Intent and Contractor's offer and their subsequent letters, the terms and conditions attached hereto shall prevail. Changes, additions or deletions to the terms of the contract shall be authorized solely by an amendment to the contract executed in the same manner as this contract.

NOW WHEREAS, in consideration of the mutual covenants and agreements hereinafter contained, it is hereby agreed as follows -

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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2. In addition to documents herein above, the following Sections and Annexures attached herewith shall be deemed to form and be read and construed as part of this agreement viz.:

- (a) Part I indicating the General Conditions of this Contract;
- (b) Part III Section-1 indicating the Terms of Reference;
- (c) Part III Section-2 indicating the Special Conditions of Contract
- (d) Part III Section-2 indicating the Schedule of Rates.

3. In consideration of the payments to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to provide the Services and to remedy defects therein in conformity in all respect with the provisions of this Contract.

4. The Company hereby covenants to pay the Contractor in consideration of the provision of the Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

IN WITNESS thereof, each party has executed this contract at Duliajan, Assam as of the date shown above.

Signed, Sealed and Delivered,

For and on behalf of
Company (Oil India Limited)

for and on behalf of Contractor
(M/s. _____)

Name:

Name:

Status:

Status:

In presence of



In presence of

1.

1.

2.

2.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-G

PROFORMA OF LETTER OF AUTHORITY

TO
GM (Projects - C&P),
Projects Department,
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Sir,

Sub: OIL's IFB No. -----

We _____ confirm that Mr. _____ (Name and address) as authorised to represent us to Bid, negotiate and conclude the agreement on our behalf with you against Tender Invitation No. _____ for the supply of _____.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

Yours Faithfully,



Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person competent and having the power of attorney (power of attorney shall be annexed) to bind such Bidder.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-H

AUTHORISATION FOR ATTENDING BID OPENING

TO
GM (Projects - C&P),
Projects Department,
Oil India Ltd.,
P.O. Duliajan - 786 602
Assam, India

Date: _____

Sir,

Sub : OIL's IFB No. -----

We authorise Mr. /Mrs. _____ (Name and address) to be present at the time of opening of the above IFB due on _____ at Duliajan on our behalf.

Yours Faithfully,



Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person who signs the bid.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 <p>KAVIN™</p>
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PROFORMA-I

BIDDER'S GENERAL INFORMATION

To
OIL INDIA LTD.

1-1 Bidder Name: _____

1-2 Number of Years in Operation: _____

1-3 Address of Registered Office: _____

City _____ District _____

State _____ PIN/ZIP _____

Country _____

1-4 Operation Address
if different from above:

City _____ District _____

State _____ PIN/ZIP _____

Country _____

1-5 Telephone Number: _____

(Country Code) (Area Code) (Telephone

No.)

1-6 E-mail address: _____

1-7 Website: _____



1-8 Fax Number: _____

(Country Code) (Area Code) (Telephone

No.)

1-9 ISO Certification, if any {If yes, please furnish details}

1-10 Banker's Name : _____

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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1-11 Branch : _____

1-12 Branch Code : _____



1-13 Bank account number : _____

1-14 GST Registration number : _____

1-15 GST Range : _____

1-16 GST Division : _____

1-17 PAN/Tax Identification No. :

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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PROFORMA-J

SUB PROFORMA J1

PROFORMA FOR SUBMISSION OF DETAILS OF SPECIFIC EXPERIENCE
AND ANNUAL TURNOVER DETAILS AS CALLED IN “QUALIFICATION
CRITERIA” OF INVITATION FOR BID

S.No.	Description	Details

2. Name of the Bidder :

3. Bidder to specify the details of work(s) executed
by the Bidder complying the requirement of IFB
Experience details as below

SNo	Name& Description of Work	WO No & Date	WO Value	Completion Certificate Date	Completion & Date	Executed Value (excluding tax)



3. Submission of Documentary Evidence:

- | | |
|------------------------------------|--------------------------|
| i) Copy of Work Order | Submitted/ Not Submitted |
| ii) Copy of Completion Certificate | Submitted/ Not Submitted |

Bidder must ensure that all details filled at Sr. No.2 above are covered in work order/ completion certificate. In case certain detailed are not covered, bidder may submit additional authenticated document/ certificate in respect of the same.

4. Annual turnover for the last three financial years :

- | | | |
|------|--------|---|
| i) | Year 1 | : |
| ii) | Year 2 | : |
| iii) | Year 3 | : |

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5. Submission of Documentary Proof :

- | | | |
|-----|---|--------|
| (i) | Audited Balance Sheet including Profit Loss Accounts Statement for the last three years of the Bidder | Yes/No |
|-----|---|--------|



NOTE:

- i) Bidder shall furnish the experience details as above only of those projects which they consider suitable for meeting the Qualification Criteria. OIL reserves the right not to evaluate any other project details. Details of more projects may be furnished in the same format, if desired.
- ii) Bidder to note that non-submission of relevant supporting documents may lead to rejection of their bid. It shall be ensured that all relevant supporting documents are submitted alongwith their bid in the first instance itself. Evaluation may be completed based on the details so furnished without seeking any subsequent additional information.

SIGNATURE OF THE BIDDER : _____

NAME OF THE BIDDER : _____

COMPANY SEAL : _____

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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SUB PROFORMA J2

ANNUAL TURNOVER STATEMENT

The bidder shall indicate herein his Annual Turnover during preceding 3 years based on the audited balance sheet/profit & loss account statement.



FINANCIAL YEAR	ANNUAL TURNOVER (INR.)
Year 1	
Year 2	
Year 3	

NOTE:

1. Copies of audited balance sheets with Profit & Loss account statement for last 3 years are enclosed along with the bid.
2. A brief note should be appended describing thereby details of turnover as per audited results..
3. In case of tenders having the bid closing date up to 30th September of the relevant financial year and audited financial results of immediate 3 preceding financial year being not available, the bidder has an option to submit the audited financial results of three years immediately prior to relevant financial year. Wherever, the bid closing date is after 30th September of the relevant financial year, bidder has to compulsorily submit the audited financial results of immediate preceding three financial years. However the bidder has to submit an affidavit/ undertaking certifying that “the balance sheet /financial statement of the preceding financial year has actually not been audited so far”

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

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SUB PROFORMA J3

FORMAT FOR CHARTERED ACCOUNTANT / STATUTORY AUDITOR CERTIFICATE FOR FINANCIAL CAPABILITY OF THE BIDDER

We have verified the Annual Accounts and other relevant records of M/s..... (Name of the bidder) and certify the following

A. ANNUAL TURNOVER OF LAST 3 YEARS:

Year	Amount (Currency)
Year 1:	
Year 2:	
Year 3:	



B. FINANCIAL DATA FOR LAST AUDITED FINANCIAL YEAR :

Description	Year ____
	Amount (Currency)
1. Current Assets	
2. Current Liabilities	
3. Working Capital (Current Assets-Current liabilities)	
4. Net Worth (Paid up share capital and Free Reserves & Surplus)	

Name of Audit Firm:	[Signature of Authorized Signatory]
Chartered Accountant	Name:
Date:	Designation:
	Seal:
Membership no.	



Instructions:

- The financial year would be the same as one normally followed by the bidder for its Annual Report.
- The bidder shall provide the audited annual financial statements as required for this Tender document. Failure to do so would result in the Proposal being considered as non responsive.
- For the purpose of this Tender document, (i) Annual Turnover shall be "Sale value/ Operating Income" (ii) Working Capital shall be "Current

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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Assets less Current liabilities” and (iii) Net Worth shall be “Paid up share capital and Free Reserves & Surplus”



This certificate is to be submitted on the letter head of Chartered Accountant.

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-K

CONTRACT EXECUTION PLAN

CSC contractor has to provide a detailed level 4 schedule in MS Projects/Prime Vera, detailing all the activities of the contract. This shall be part of the bid.

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PROFORMA-L

DETAILS OF SIMILAR WORK COMPLETED DURING LAST SEVEN YEARS.

- a. Bidder should be in the Civil and Structural
- b. The Bidder should have executed and completed atleast one Civil Construction Contract, comprising of all types of civil works including equipment foundations of minimum value INR. 13.28 Crore in the last Seven years (7) reckoned from the date for original Bid Closing date.

Provide details of similar works done in the last Seven years, satisfying the above conditions.

SN o	Name& Description of Work	WO No & Date	WO Value	Completion Certificate & Date	Completi on Date	Executed Value (excluding tax)



 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-M

PROJECT SCHEDULE FOR COMPLETION OF MAJOR ACTIVITIES

The scheduled timeframe for delivery of CSC Contract at OCS Nadua and is Twelve months (12) from the date of issue of LOA.

CSC Contractor shall provide a detailed schedule (prepared in MS Projects / Prime Vera) highlighting major activities involved from engineering till delivery of packages at sites.

 ऑयल इंडिया लिमिटेड Oil India Limited	<p align="center"> CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19 </p>	
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PROFORMA N

1. DETAILS OF P.F. & ESI REGISTRATION (As Applicable)

Bidder to furnish details of Provident Fund Registration and ESI Number:

PF REGISTRATION NO. :

DISTRICT & STATE :



ESI NO. :

We hereby confirm that the above PF Account is under operation presently and shall be used for all PF related activities for the labour engaged by us in the present work (if awarded to us).

SIGNATURE OF BIDDER :_____

NAME OF BIDDER :_____

COMPANY SEAL :_____



 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	
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PROFORMA-O



REPLY TO COMMERCIAL QUESTIONNAIRE

COMMERCIAL QUESTIONNAIRE



Sr. No.	Commercial Query	Bidder's Reply / Confirmation
1	Please confirm that Main Index Document along with Amendment, if any, duly signed and stamped on each page has been submitted along with the Bid.	
2	Confirm that all pages of the Bid have been numbered in sequential manner	
3	Confirm that Bid has been submitted to OIL's E-Procurement website as specified in Instructions to Bidders.	
4	Confirm that you have studied complete Bidding document including technical and commercial part and your Bid is in accordance with the requirements of the Bidding documents.	
5	Confirm that the price part does not include any terms and conditions. In case any terms and conditions are mentioned in the price part, the same shall be treated as null and void.	
6	Confirm your compliance to total scope of work mentioned in the Bidding document.	
7	Confirm your acceptance for "SCOPE OF SUPPLY" mentioned in the Bidding Document. Please note that scope of supply mentioned in the Bidding document is not limitative and shall include supply of all materials required for completion of Work irrespective of whether such materials are mentioned in the Bidding document or	

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Sr. No.	Commercial Query	Bidder's Reply / Confirmation
	not.	
8	Confirm your acceptance for time schedule as per Bidding Document.	
9	Confirm that your Bid is substantially responsive to the requirements of the Bidding document, and you have not stipulated any material deviation and submitted all details as specified in the Bidding document.	
10	DELETED	
11	Confirm that proposed fabrication facility is having qualified managerial and supervisory personnel having sufficient experience. .	
12	Confirm that all costs resulting from safe execution of work, such as safety induction, use of protective clothing, safety glasses and helmet etc. have been considered, including any special safety measures required to be taken or any other safety measures to be undertaken for the execution of Work are included in the quoted price.	
13	Please confirm that all safety rules & regulations as mentioned in Bidding Document shall be adhered by bidder within quoted price.	
14	DELETED	
15	Confirm the following : “The planning schedule, S-curves, manpower estimates, construction equipment deployment schedule etc;	

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Sr. No.	Commercial Query	Bidder's Reply / Confirmation
	<p>submitted by the bidder with his bid, are indicative and shall not be basis for extra compensation in case actual needs are higher.</p> <p>Detailed planning schedule developed by CSC CONTRACTOR after Contract award may be subject to fluctuations depending upon actual progress of the project.</p> <p>Notwithstanding the above provision, the bidder shall submit these details in accordance with the volume of work which may be reviewed and commented by us during pre award stage / post award stage.</p>	
16	<p>Please furnish the biodata of key personnel including nominated Project Director/Project Manager, Engineering Manager, Engineering Co-ordinator, Purchase Manager, QA / QC Manager, etc. These will be reviewed and approved by CONSULTANT</p>	
17	<p>Please confirm that all chemicals, consumables etc. required for initial charge as per provision of Bidding document shall be supplied by the CSC CONTRACTOR.</p>	
18	DELETED	
19	<p>Please confirm, you shall submit PACKING LIST, conforming bid requirement.</p>	
20	<p>Please confirm that your bid is valid for 120 days from the date of closing of bid.</p>	
STAMP AND SIGNATURE OF BIDDER		

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-P

INCOME TAX PAN NUMBER PF REGISTRATION NUMBER (AS APPLICABLE)

TO BE PROVIDED BY THE BIDDER

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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PROFORMA-Q

CHECKLIST FOR SUBMISSION OF BID

Bidder is requested to fill this check list and ensure that all details/documents have been furnished as called for in the Bidding Document along with duly filled in, signed & stamped checklist with each copy of the “Techno-Commercial bid”. Please tick the box and ensure compliance:

(1.0) Pro-Forma of Acknowledgement Letter & Intention to Bid

Submitted

☐

(2.0) Pro-Forma of Declaration of blacklisting / holiday listing

Submitted

☐

(3.0) Power of Attorney in Favour of the person who has signed the bid on stamp paper of Appropriate value

Submitted

☐

Not Applicable

☐

(4.0) Submission of documents to establish conformity with Bidder's Qualification Criteria as per Instruction to bidder (ITB)

Submitted

☐

Not Applicable

☐

(5.0) Partnership Deed in case of partnership firm and Article of Association (AOA) / Memorandum of Association (MOA) in case of limited company

Submitted

☐

Not Applicable

☐

(6.0) Present/ Concurrent Commitments as per ITB

Submitted

☐

(7.0) Schedule of Deviations to General & Commercial conditions as per ITB



Submitted

☐



(8.0) Schedule of Deviations to technical specifications as per ITB

Submitted

☐

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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(9.0) Overall schedule for completion of work in the form of Bar Chart			<input type="checkbox"/>
Submitted			
(10.0) Commercial Details/ Documents specified in part – I: Commercial			
Submitted	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
(11.0) Technical Details/ Documents specified in part – II: Technical			
Submitted	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
(12.0) Blank copy (without price) of schedule of Price indicating “Quoted” duly signed and stamped on each page			
Submitted			<input type="checkbox"/>
(13.0) Schedule Bar chart, proposed site organization chart			
Submitted			<input type="checkbox"/>
(14.0) PAN Details EPF, ESI, GST registration certificate, income tax clearance certificate, solvency certificate			
Submitted			<input type="checkbox"/>
(15.0) Relavant Registration certificate for claiming benfit under MSME			
Submitted	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
(16.0) Financial balance sheet, profit and loss account, Assets / Liability sheet as per ITB			
Submitted	<input type="checkbox"/>	Not Applicable	<input type="checkbox"/>
(17.0) Complete tender document duly signed and stamped by the Bidder in token of having received and read all the parts of the Bidding documents and having accepted and considered the same in preparing and submitting the Bid and submission of an undertaking that no pages have been altered / changed with respect to the tender documents and all subsequent amendments.			
Submitted			<input type="checkbox"/>

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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(18.0) Earnest Money Deposit (EMD) as per ITB section

Submitted

☐

Not Applicable

☐

(19.0) Integrity pact duly signed and stamped

Submitted & Uploaded

☐

(20.0) Quality manual, sample audit report as per QMS section and safety Assurance plan

Submitted

☐

(21.0) Information about Tenderer and details of similar work done

Submitted

☐

(22.0) Details of tool, tackles & equipment available with tenderer for use in this work

Submitted

☐

(23.0) Manpower estimation for job, deployment chart with bio-data / Experience / qualification of all supervisory staff

Submitted

☐

(24.0) Certificate of approval for compliance to ISO:9001 standard submitted by contractor

Submitted



☐

CONFIRM THE FOLLOWING:

(1.0) All pages of the bid have been page numbered in sequential manner.

YES

☐

 ऑयल इंडिया लिमिटेड Oil India Limited	CONSTRUCTION SERVICE CONTRACT (CSC-4) Mechanical Construction Works for GGS, East Khagorijan IFB No. CPI0101P19	 KAVIN™
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(2.0) Bidding Document marked “ORIGINAL” along with Original offer, Compliance Letter for Addendum/ Amendment, if any, has been submitted duly signed and stamped on each page.

YES

☐

(3.0) Declaration By Bidder Regarding Directors Of The Company

YES

☐



CONFIRM & ENSURE COMPLIANCE:

DESCRIPTION	YES / NO
Cover Envelope containing submission of Physical documents	
a. Original Bid Security b. Printed catalogue and Literature, if any c. Power of Attorney for signing the bid. d. Any other document required to be submitted in original as per tender.	

SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____



COMPANY SEAL : _____

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-R

DECLARATION BY BIDDER

NOT APPLICABLE

 <p>ऑयल इंडिया लिमिटेड Oil India Limited</p>	<p align="center">CONSTRUCTION SERVICE CONTRACT (CSC-4)</p> <p align="center">Mechanical Construction Works for GGS, East Khagorijan</p> <p align="center">IFB No. CPI0101P19</p>	
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PROFORMA-S

**DECLARATION OF BIDDER REGARDING BLACK LISTING/ HOLIDAY
LISTING**

CSC BIDDER SHALL PROVIDE SELF DECLARATION

**END OF VOLUME I PART III
SECTION-2**